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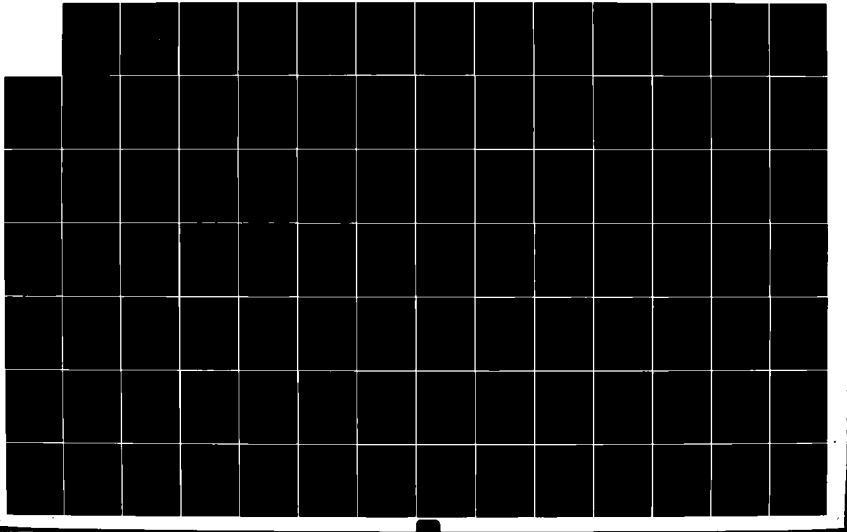

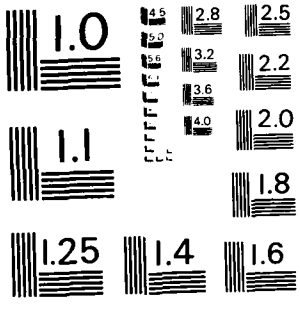

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A STUDY OF NORMAL SHOCK-WAVE TURBULENT BOUNDARY-LAYER INTERACTIONS AT MACH NUMBERS OF 1.3, 1.4 AND 1.5

by

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SUMMARY

This Report presents the results of a study of seven flows involving the interaction between a normal shock wave and a two-dimensional turbulent boundary layer. The measurements were made at free-stream Mach numbers of 1.3, 1.4 and 1.5 and at Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The results were obtained from comprehensive traverses with both pitot and static probes.

Standard boundary-layer integral parameters based on wall and measured static pressures are presented, together with velocity profiles and the Mach number distribution over the interaction region.

An investigation has been made of the 'law of the wall' and the 'law of the wake' under the influence of strong normal pressure gradients.

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1 INTRODUCTION

A series of experiments[1-4] has been undertaken in the RAE Bedford 3ft × 3ft wind tunnel to investigate the interaction of a normal shock wave and a turbulent boundary layer at nominal upstream Mach numbers of 1.3, 1.4 and 1.5 over a Reynolds number range based on the undisturbed boundary-layer momentum thickness at the start of the interaction of 12×10^3 to 34×10^3.

This Report deals with the measurements made at a series of stations upstream and downstream of the interaction using conventional pitot and static probes traversed normal to the flat wall.

The series of experiments was planned because of the lack of knowledge of the interaction between normal shock waves and turbulent boundary layers at high Reynolds numbers and the need to predict the development of the boundary layer through and beyond the interaction region as, for example, in the flow over supercritical aerofoils.

A number of investigations have been reported over the past two decades and broadly speaking three techniques have been used to produce the interaction.

The first and most commonly used technique (Fig 1a) in supersonic tunnels is to position a shock generator with downstream choking flap over a flat plate so that the steady normal shock wave formed by the shock generator interacts with a turbulent boundary layer grown from the leading edge of the flat plate. This is the technique adopted by Seddon[5], Vidal, *et al*[6] and Kooi[7].

The second technique[8,9] is used in transonic wind tunnels and involves mounting a two-dimensional bump on the wind tunnel wall so that the shock-wave boundary-layer interaction approximates to that on an aerofoil (Fig 1b). More recently, small supercritical aerofoils have been tested[10] and in fact these two experiments have been combined by Burdges[11] who let the aerofoil into the tunnel floor and bled away the floor boundary layer under its leading edge.

Gadd[12] and more recently Mateer, Brosch and Veigas[13] used a third technique which was to hold the normal shock wave steady in a supersonic tube by the adjustment of a conical choke downstream of the working section as in Fig 1c. The turbulent boundary layer under consideration was allowed to grow naturally along the tube wall.

For the present experiment the facility which was available was the RAE 3ft × 3ft transonic-supersonic wind tunnel. The arrangements of Fig 1a or 1b could have been employed, but it was argued that if the tunnel floor was used, then the measuring techniques would be simpler, a higher Reynolds number could be obtained, and the interference effects of the wall boundary layers should be less than in the technique of Fig 1a where the test boundary layer is of smaller thickness than the interfering wall boundary layers. The simple technique was therefore used of holding a shock wave across the test section, set up to run at supersonic speed, by means of an adjustable sonic throat which was situated far downstream of the test section. The technique is in fact similar to that of Fig 1c.

The 3ft × 3ft wind tunnel has a good Reynolds number capability (up to 12×10^6/m for continuous running) is easily accessible for non-intrusive measurements and, above all, is easy to modify in the working section region having removable supersonic liners and downstream wooden fairings. A further advantage is that the pressure distribution in the working section is not only similar to that over a supercritical aerofoil but also the dimensions and Reynolds numbers approximate to full-scale conditions. A ninth scale (4 in × 4 in) model of the tunnel is also available and this proved invaluable for the development of the experiment.

The most time-consuming aspect of the development has been providing a suitable downstream sonic throat to control the shock-wave position and to keep it acceptably steady. However it was also necessary to design and manufacture a new raised false tunnel floor (to house submerged boundary-layer traverse mechanisms and to raise the boundary-layer interaction region into view above the bottom of the schlieren windows) which would match the three alternative half-nozzle blocks used to generate the required free-stream Mach numbers and which form the upper wall.

During the period of time taken to manufacture the new floor and the necessary associated equipment, two interim experiments were made, the first[2] using a conventional boundary-layer pitot rake and the second[1] using non-intrusive laser-Doppler measurements. The first experiment differed in another important aspect from the present one in that the pitot rake was attached to the tunnel floor in a single, fixed, position and the shock wave moved fore-and-aft of the rake.

For the present experiment the location of the shock wave was fixed for each condition tested and measurements were made with probes which could be traversed both normal to the tunnel floor and streamwise. Measurements of the static pressure distribution along the floor were also made.

2 DESCRIPTION OF THE EXPERIMENT

2.1 Mechanical arrangement

The general arrangement of the experiment is shown in Fig 2. The unmodified parts of the 3ft × 3ft wind tunnel are shown shaded.

In its standard form, the 3ft × 3ft wind tunnel has a working section with a fixed lower liner and interchangeable upper liners which are matched to the lower liner to give 0.1 incremental steps in Mach number between 1.3 and 2.0. One of the major modifications made to the tunnel was the provision of a new raised bottom liner together with a false floor (Fig 3). This false floor contained two pitot traverse mechanisms so that a region close to the floor centre line could be investigated from approximately 0.8 m ahead of the schlieren window centre line to 3 m downstream using a total horizontal traverse movement of little more than 2 m. Because of the interest in the free-stream Mach number range of 1.3 to 1.5, the new bottom liner was designed to match the M = 1.4 upper liner and the consequent slight mismatch with the M = 1.3 and M = 1.5 upper liners had to be accepted. Although raising the floor by 152 mm had the advantage of bringing the shock-wave interaction region into full view through the schlieren windows, it reduced the height of the working section so that the tunnel was no longer square in cross

section. There was however no particular disadvantage in this because the asymmetrical nozzle which generated the supersonic flow inevitably resulted in boundary layers which were not the same on all four walls.

The other major item of redesign as described in Ref 2 involved the careful fairing of the existing 'spoiler door' arrangement* in the diffuser section to give an adjustable second throat. By adjusting the throat, the normal shock wave could be placed in the desired location within the view through the tunnel windows. Any subsequent small progressive movement of the shock wave could then be corrected by adjusting the tunnel compressor speed. Initially there was a large random movement of the normal shock wave but this was reduced to about 20 mm by the careful fairing of the shape of the second throat. The mean position of the normal shock wave was checked both visually and by means of a differential pressure transducer connected between a wall static pressure hole under the shock wave and a reference tapping near the working section sonic throat.

The region between the working section and diffuser was faired to give smooth sidewall and roof contours. The geometry of the fairing was such as to give an expanding passage, the cross sectional area at the diffuser entry increasing to 1.067 times the area of the working section over a distance of 3660 mm. In the region of the interaction, the standard taper of 0.004 m/m was maintained on the top liner. This is normally combined with a similar taper on the lower liner to allow for boundary-layer growth on all four tunnel walls. However, for this experiment, the taper on the false floor was approximately 0.003 m/m.

The traverse mechanism together with a twin pitot probe is shown in Fig 4. Two identical traverse mechanisms were supported 1800 mm apart from a slide which was approximately 6 m long and sufficiently flexible to submerge, at its upstream end, below the liner surface approximately 1 m ahead of the schlieren window centre line, and at its downstream end to retract into a covered channel between the spoiler doors in the diffuser section. Any leaks around the slide were sealed by two pvc tubes which inflated when the slide was stationary as shown in Fig 3. A chain drive was used to move the slide in the streamwise direction. A total streamwise distance of 3800 mm could be covered using the tandem boundary layer traverses. The slide was positioned 100 mm to the port of the row of static pressure holes on the tunnel centre line and the probes were cranked so that vertical traverses could be made half way between the slide and the tunnel centre line. In this way it was hoped to reduce the various interferences, namely, of the probe on the wall static pressure holes, of the slight irregularity of the slide on the probe measurements, and of the probe stem on the probe measurements.

Repeatability of the probe position was ±0.02 mm vertically and ±3 mm horizontally.

Details of the static probes can be seen in Fig 5. The pitot probes were designed to be fairly short in order to avoid vibrations in the expected highly turbulent flow. The same overall dimensions were then retained for the twin static probes. With hindsight, the twin static probes might have been lengthened to diminish the interference

* Used in normal testing for controlling the tunnel shock wave during starting or stopping the tunnel.

caused by the supporting structure because the vertical positional accuracy is not quite as important for these probes as for the pitot probes. However this was not done and large corrections had to be applied to the static pressure measurements especially at transonic Mach numbers. These corrections are described in the Appendix.

All the probes were electrically insulated from their vertical traverse mechanisms so that a touch indicator could be used to set the pitot datum at the surface of the false floor. The streamwise datum was set by aligning the tip of a pitot probe or the holes in a static probe with a line marked on the surface of the false floor.

Pressure measurements were made with differential transducers (Druck) of range ·69 kN/m^2 in two D-type scanivalves placed outside the tunnel shell. The transducers were calibrated against a Texas Instrument 0-203 kN/m^2 absolute quartz Bourdon-tube pressure-controller. Corrections were made to the primary slopes and zeros of these calibrations for each data point, by comparing the transducer outputs with reference pressures applied to the first and last pairs of scanivalve ports.

2.2 Experimental measurements

2.2.1 Pitot measurements

Measurements were made at three nominal Mach numbers, 1.3, 1.4 and 1.5 at Reynolds numbers of approximately $10 \times 10^6/m$ (the maximum continuous running value permitted for the experiment) and $3.5 \times 10^6/m$. An intermediate Reynolds number was also included for M = 1.5. Details of the test conditions are given in Table 1.

Traverses normal to the floor were made using the twin-pitot probe over a large number of stations f om 0.7 m ahead of the normal shock wave to approximately 3 m downstream of the normal shock wave. In most cases, a vertical distance of 200 mm was covered. The forward pitot was removed while measurements were being made with the rear one, and a flush plug was used to fill the hole left in the slide.

2.2.2 Floor static pressure measurements

Measurements of the static pressure distribution on the floor were made with only the rear pitot in place, set at its furthest downstream position. These measurements were used to calculate the wall reference static pressure for each pitot or static pressure probe traverse.

2.2.3 Reversed pitot measurements

Measurements were also made with a single reversed pitot probe (rather similar in shape to static probe B (Fig 5) but reversed) for conditions of separated flow which occurred for M = 1.5. Separation was indicated by the forward-pointing pitot recording a lower pressure than the corresponding wall static pressure hole. The measurements were made with the tip of the reversed pitot in the same streamwise position as the normal pitot tube. Although the flow was probably disturbed by either probe, a simple correction was made to both sets of results as described under section 3.1.

2.2.4 Static probe measurements

Before the static pressure measurements in the boundary layer were begun, the static probes were calibrated in the centre of the slotted transonic working section of

the tunnel over a Mach number range of 0.4 to 1.2 and similar free-stream Reynolds numbers to those encountered in the main experiment. Each probe was held at the end of its stem furthest away from the probe tip by a specially manufactured sting. Static probe B was also calibrated while supported at the near end of its stem to check for support interference. This appeared to be negligible. The probe measurements were compared with wall static pressures obtained from a tunnel calibration referred to a 3° conical static head probe. This probe has been described in Ref 14 and within the limits of the required accuracy was assumed to have no static pressure errors.

The real problem which arose when using static probes in an environment which invoked the problems of transonic flow combined with pressure gradients, wall interference effects and the presence of boundary layers, lay in obtaining sufficient calibration data in a tunnel which could not be used between M = 0.88 and M = 1.3 while modified to take the false floor and traverse mechanisms.

However some information was forthcoming from twin static probe calibrations made through the floor boundary layer between M = 0.66 and 0.88 at similar Reynolds numbers to the main experiment. Additional information was obtained during the actual shock-wave boundary-layer interaction experiment from the static and pitot probe traverses ahead of the interaction, while further data were available from traverses 1 to 3 m downstream of the normal shock wave at M = 1.3. In all these cases it was assumed that there was no static pressure variation normal to the wall through each vertical boundary-layer traverse, and that the pressure was equal to the estimated wall value. Because the free-stream calibration showed no apparent Reynolds number effects, data at the highest Reynolds number from the experiment were used.

Time limitations meant that nearly all the boundary layer static traverses were made with the twin-static probe rather than the single probes and the static investigation was omitted for M = 1.4 at a Reynolds number of 3.5×10^6/m. Single static probes were in fact used only as a check on the validity of the results obtained from the twin probe. Traverses were made in rather different streamwise positions from those made with the pitot probes and each traverse contained about half the measurements made using the pitot.

2.2.5 Shock-wave position

A careful check was made of the shock-wave position using the output from the shock-position transducer and readings were only taken while the shock wave was within prescribed limits. Subsequently, during the analysis of the results, the average position of the normal part of the shock wave was ascertained from the large number of schlieren photographs taken for each set of tunnel conditions. This was necessary because there was an interval of a year between making the static pressure measurements and the pitot measurements. It was difficult to reset the shock wave in the same position, and so corrections had to be applied to make both sets of results compatible.

3 REDUCTION OF DATA

The data have been reduced as follows to produce the boundary layer profiles of Table 2 and the integral parameters of Table 3.

3.1 Boundary-layer profiles

These have been tabulated against y (the equivalent height of the pitot or static tube above the wall) where for pitot measurements

$$y = h + 0.15\,d \tag{1}$$

and for static measurements

$$y = h \tag{2}$$

where h = height of probe centre line above floor
and d = diameter of probe.

The profiles have been derived

(a) assuming constant wall static pressure applied throughout each traverse,

(b) using measured static pressures after correction (see Appendix).

Standard formulae were used to calculate Mach numbers, velocities and densities from the pitot and static results. Total temperature was assumed constant across the boundary layer except at the wall where a recovery factor of 0.89 was used. Wall static pressures were calculated for each traverse position by linear interpolation of the floor static measurements made with the front pitot removed and the rear pitot as far downstream as possible.

The flow was assumed reversed when the pitot pressure was lower than the wall static pressure. In such cases measurements were also made with the pitot tube reversed in direction. The Mach number was taken as the mean derived from the two sets of measurements. When the pitot tube was effectively facing downstream, it was assumed that the pressure recorded was that for a base with a pressure coefficient of -0.6. The wall static pressure was used for both sets of calculations in the reversed flow region.

Unit Reynolds numbers were calculated using the following formula based on Sutherland's law for viscosity

$$Re/m = \frac{M_\delta p_\delta}{T_\delta^2} (T_\delta + 110.4) \times 47.91 \times 10^3 \tag{3}$$

where subscript δ denotes conditions at the edge of the boundary layer
p is the static pressure in N/m^2
and T is the temperature in K.

A further parameter, namely p_i/p_{t_0} has been presented where p_i is an estimated static pressure in the 'equivalent inviscid flow' (see Ref 15). The static pressure p_i is that in the equivalent inviscid flow which is defined as the flow external to the shear layers continued as an inviscid flow to the wall bounding the real flow with the growth of the viscous layer represented by transpiration at the boundary. p_i has been non-dimensionalised by dividing by the tunnel total pressure p_{t_0}.

An estimate of p_i/p_{t_0} has been attempted in the region ahead of the normal shock-wave. Here, the flow at the edge of the boundary layer is supersonic and influence lines of constant p/p_{t_0} following Mach lines may be constructed back to the wall from the edge of the viscous region. An estimate of p_i/p_{t_0} as a function of y for each traverse can then be made from the carpet of influence lines which are assumed straight and inclined at the Mach angle μ plus the flow inclination at $\delta_{0.999}$ (the distance from the wall where $U/U_\delta = 0.999$) viz

$$\mu + \tan^{-1}\left(\frac{V}{U}\right)_\delta$$

where
$$\left(\frac{V}{U}\right)_\delta = \frac{d\delta^*}{dX} - (\delta_{0.999} - \delta^*)\frac{d}{dX}\left(\ln(\rho_\delta U_\delta)\right) \qquad (4)$$

and V is the vertical component of velocity

U is the horizontal component of velocity

δ^* is the displacement thickness

ρ is the density.

It will be noted (see section 4.4) that there is a supersonic region at the edge of the boundary layer behind the normal shock wave for M = 1.5. However estimates of p_i/p_{t_0} have not been included for this region because they become discontinuous in the region of the shock wave.

3.2 Integral parameters

Boundary-layer thickness parameters were obtained by trapezoidal integration. Velocity profiles were faired between the wall and the pitot position corresponding to 0.8 mm from the wall by applying East's prediction of the law of the wall[16] in compressible boundary layers as a 20 point curve.

East's prediction is based on an incompressible law of the wall combined with a compressibility factor. For this experiment Cole's law of the wall[17] has been used with the constants recommended at the Stanford conference[18] namely

$$\frac{U}{U_\tau} = 5.62 \log \frac{yU_\tau}{\nu_\delta} + 5.0 \quad , \qquad (5)$$

where U_τ is the friction velocity.

The form of East's prediction which is faired into Cole's law of the wall is

$$\frac{U}{U_\tau} = \frac{1}{F}\sin\left[F\left\{2K \ln\left(y^{*2}\frac{K}{D} + 1\right) + D\left(1 - e^{-y^*/D}\right)\right\}\right] \quad , \qquad (6)$$

where the compressibility factor

$$F = M_\tau \sqrt{\frac{r(\gamma - 1)}{2}} = \frac{U_\tau}{\sqrt{T_w}} \times 0.021033 ,$$

$$D = 8.73(1 + 45F^2) ,$$

$$y^* = y \frac{U_\tau}{\nu_w} ,$$

$$K = 0.41 ,$$

r being the recovery factor, and suffix w denoting wall values.

A value of U_τ was obtained at $y \triangleq 0.8$ mm using equation (6) and values of U/U_τ were then calculated for 20 equispaced values of y between 0 and 0.8 mm.

A linear variation was assumed between $y = 0$ and 0.8 mm for reversed flow.

The following definitions of the integral quantities have been used as first proposed by Myring[19] and later incorporated in East's modified momentum integral equation[15].

They are (where suffices i and w denote equivalent inviscid flow quantities and wall values respectively)

$$\bar{\delta} = \frac{1}{\rho_{iw} U_{iw}} \int_0^\delta (\rho_i U_i - \rho U) dy , \tag{7}$$

$$\bar{\theta} = \frac{1}{\rho_{iw} U_{iw}^2} \int_0^\delta \left\{ \left(\rho_i U_i^2 - \rho U^2 \right) - U_{iw} (\rho_i U_i - \rho U) \right\} dy , \tag{8}$$

shape parameter $$H = \frac{\bar{\delta}}{\bar{\theta}} , \tag{9}$$

shape parameter $$\bar{H} = \frac{1}{\bar{\theta} \rho_{iw} U_{iw}} \int_0^\delta \rho (U_i - U) dy . \tag{10}$$

The integral parameters were calculated for three different distributions of static pressure across the boundary layers as described in the following paragraphs.

3.2.1 Static pressure constant and equal to the measured wall pressure

Equations (7), (8), (9) and (10) reduce to the familiar standard integrals when static pressure is constant across the boundary layer giving

displacement thickness $$\delta^* = \int_0^\delta \left(1 - \frac{\rho U}{\rho_\delta U_\delta}\right) dy \quad , \tag{11}$$

momentum thickness $$\theta = \int_0^\delta \frac{\rho U}{\rho_\delta U_\delta}\left(1 - \frac{U}{U_\delta}\right) dy \quad , \tag{12}$$

shape factor $$H = \frac{\delta^*}{\theta} \quad , \tag{13}$$

shape factor $$\bar{H} = \frac{1}{\theta}\int_0^\delta \frac{\rho}{\rho_\delta}\left(1 - \frac{U}{U_\delta}\right) dy \quad . \tag{14}$$

The energy thickness was also evaluated: $$\delta_E = \int_0^\delta \frac{\rho U}{\rho_\delta U_\delta}\left[1 - \left(\frac{U}{U_\delta}\right)^2\right] dy \quad . \tag{15}$$

3.2.2 Static pressure variation as measured

Equations (7), (8), (9) and (10) can be used in an 'intermediate form' as in Cook, McDonald and Firmin[20]. In this form the boundary layer defect thicknesses are referred to a fictitious potential flow having the same static pressure distribution as that for the actual viscous flow and a total pressure equal to that at the edge of the boundary layer (p_{t_1}).

Thus for example

$$M_p = \sqrt{5\left[\left(\frac{p_{t_1}}{p}\right)^{\frac{2}{7}} - 1\right]} \tag{16}$$

where $$p_{t_1} = p_\delta\left(1 + 0.2M_\delta^2\right)^{3.5} \quad . \tag{17}$$

The revised integral quantities are as follows:

displacement thickness $$\delta^* = \frac{1}{\rho_w U_w}\int_0^\delta (\rho_p U_p - \rho U) dy \quad , \tag{18}$$

momentum thickness $$\theta = \frac{1}{\rho_w U_w^2}\int_0^\delta \left\{\left(\rho_p U_p^2 - \rho U^2\right) - U_p(\rho_p U_p - \rho U)\right\} dy \quad , \tag{19}$$

shape factor $$H = \frac{\delta^*}{\theta} ,$$

shape factor $$\bar{H} = \frac{1}{\theta} \frac{1}{\rho_w U_w} \int_0^{\delta} \rho_p (U_p - U) dy . \qquad (20)$$

3.2.3 Equivalent inviscid static pressure together with measured static pressure

$\bar{\delta}$, $\bar{\theta}$, H and $\bar{H}$ have already been defined by equations (7), (8), (9) and (10).

Equivalent inviscid static pressures were estimated as described in section 3.1 for traverse positions ahead of the normal shock. Equivalent inviscid Mach numbers were obtained from these pressures, and the total pressure calculated at the edge of the boundary layer (equation (17)) so that

$$M_i = \sqrt{5\left[\left(\frac{p_{t_i}}{p_i}\right)^{\frac{2}{7}} - 1\right]} . \qquad (21)$$

ρ_i and U_i were obtained from M_i using a temperature recovery factor of unity while the values of ρ and U were identical to those in section 3.2.2 (being calculated from the measured pitot and static pressures).

Linear interpolation was used to obtain ρ_i and U_i for the 20 points between the wall and $y \doteq 0.8$ mm .

3.3 Skin friction

Three estimates of skin friction are given.

The first estimate C_{f_p} has been deduced by considering the pitot tube when in contact with the wall to be a Preston tube and applying Patel's[21] calibration as formulated by Head and Vasanta Ram[22] and transformed for compressible flow by the method of Fenter and Stalmach[23].

The second and third estimates emerge directly from U_τ which was calculated by fitting East's law of the wall (equation (6)) to the pitot reading for $y \doteq 0.8$ mm . The second estimate was obtained assuming constant wall static pressure to apply across the boundary layer and the third was obtained using measured static pressures. Because at $y \doteq 0.8$ mm wall static pressure applied for both cases, the differences are entirely due to the boundary layer edge conditions obtained from the different static pressures.

It will be noted that several values of C_f are missing from Table 3 and these omissions occur where reversed flow is indicated at M = 1.5.

4 EXPERIMENTAL RESULTS

4.1 The general characteristics of the flow

4.1.1 Shock-wave patterns

Fig 6a shows the vertical cross sections of the main interactions traced from schlieren photographs. Typical photographs have been reproduced in Fig 6b. For completeness, the calculated boundary layer thickness ($\delta_{0.995}$) and the start of the measured reversed flow regions at M = 1.5 have been added to the diagrams. The progression from the pattern at M = 1.3 of a single normal shock wave distorted by the influence of compression curves emanating from the thickening of the upstream boundary layer, to the established triple shock system with the shear layer emanating from the point of bifurcation at M = 1.5, is well illustrated. The increase in size of the shock system with reduction in Reynolds number can also be seen.

The main interaction region has been described in detail by East[3] and the present results at high Reynolds numbers agree with his at M = 1.3 and 1.4. However there is a discrepancy between the sets of results at M = 1.5. The shock bifurcation point for the present experiments is at 180 mm from the floor compared with a value, presumed to be erroneous, of 215 mm given by East.

4.1.2 Flow visualisation

After the completion of the traverse measurements the interaction region was examined by oil flow*.

Photographs of the surface oil flow were taken for all three Mach numbers at a Reynolds number of 10×10^6/m. These photographs, reproduced in Fig 7, were taken after shutting down the tunnel and removing the roof and therefore suffer from slight blurring. The viewpoint looks downstream. The photographs reveal mild three-dimensional effects for M = 1.3 and M = 1.4 but a much more complex pattern for M = 1.5 when the flow is separated. The photograph for M = 1.5 is shown in more detail in Fig 8 together with an attempted interpretation of the wall streamlines.

The nature of the flow in this case appears to be such that there is flow along the arch of a vortex connecting a position on the port side, denoted by B in Fig 8, to a position denoted by A on the starboard side. Thus in a sense A is an attachment node and B a separation node. It should be remarked that whilst the streamwise extent of this region is roughly 300 mm the probe measurements suggest its depth to be only 7 mm.

Near the tunnel centre line between the two vortex patterns, the flow is tolerably two-dimensional except in the immediate regions of the saddle points at the start and end of the separation region.

Presumably because of the non-uniform boundary-layer thickness on the tunnel side wall arising from the flow field associated with the assymetrical nozzle, the separation line on the sidewall is swept and a single vortex node only of separation type is formed.

---

* The oil-flow mixture was an amalgam of the following in the ratio of 4 cc Vitrea F2, to 2 cc Limea 931, to 3 cc TiO_2, to 2 drops of oleic acid.

The vortex arising from this node is presumed to create the strong convergence towards the tunnel centre line occurring in the corner regions downstream of the interaction. The lines D in Fig 8 have the appearance of separation lines but may in fact indicate only a locally strong convergence of the boundary layer.

4.1.3 Momentum balance

Momentum balance calculations have been made using a rearranged form of East's modified momentum integral equation[15]

$$\frac{d\bar{\theta}}{dX} + \left(H + 2 - M_{iw}^2\right)\frac{\bar{\theta}}{U_{iw}}\frac{dU_{iw}}{dX} - \frac{\tau_w}{\rho_{iw}U_{iw}^2}$$

$$= \underbrace{-\frac{1}{2\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{\rho_{iw}U_{iw}^2\left(\frac{d^2\bar{\delta}}{dX^2} + \kappa\right)(\bar{\theta} + \bar{\delta})^2\right\}}_{①} + \underbrace{\kappa(\bar{\theta} + \bar{\delta})\frac{d\bar{\delta}}{dX}}_{②}$$

$$+ \underbrace{\frac{1}{\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{K\rho_{iw}U_{iw}^2\bar{\theta}\left(\frac{\bar{H} - 1}{\bar{H}}\right)\right\}}_{③} + \frac{M_{iw}^2\bar{\theta}V_{iw}}{U_{iw}^2}\frac{dV_{iw}}{dX} \quad . \tag{22}$$

The last term has been neglected in the analysis because it is small and in any case cannot be evaluated with any reliability. The remaining terms in the right hand side of the equation are:

① the normal pressure gradient effect arising from the wall and stream curvature;

② the approximation to the direct effect of wall curvature on the flow momentum;

③ the approximation to the normal stress terms.

The integral parameters, H, $\bar{H}$, $\bar{\theta}$ and $\bar{\delta}$ are defined in equations (7) to (10) while ρ_{iw}, U_{iw} and M_{iw} are respectively the equivalent inviscid values of density, horizontal component of velocity and Mach number at the wall.

The surface curvature κ is zero for this example leaving

$$\frac{d\bar{\theta}}{dX} + \left(H + 2 - M_{iw}^2\right)\frac{\bar{\theta}}{U_{iw}}\frac{dU_{iw}}{dX} - \frac{\tau_w}{\rho_{iw}U_{iw}^2}$$

$$= -\frac{1}{2\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{\rho_{iw}U_{iw}^2\frac{d^2\bar{\delta}}{dX^2}(\bar{\theta} + \bar{\delta})^2\right\} + \frac{1}{\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{K\rho_{iw}U_{iw}^2\bar{\theta}\left(\frac{\bar{H} - 1}{\bar{H}}\right)\right\} \quad . \tag{23}$$

After multiplying throughout by $\rho_{iw}U_{iw}^2$ and rearranging, the equation becomes

$$\frac{d}{dX}\left(\rho_{iw}U_{iw}^2\bar{\theta}\right) = \tau_w - H\rho_{iw}U_{iw}\bar{\theta}\frac{dU_{iw}}{dX} + \frac{d}{dX}\left(f\rho_{iw}U_{iw}^2\bar{\theta}\right) \quad , \qquad (24)$$

where $f = f_1 - f_2$,

$f_1 = 0.072\left(\frac{\bar{H}-1}{\bar{H}}\right)$, and is the contribution due to the normal stress,

and $f_2 = \frac{1}{2}\frac{d^2\bar{\delta}}{dX^2}\frac{1}{\bar{H}}(\bar{H}+\delta^2) = \frac{1}{2}\frac{d^2\bar{\delta}}{dX^2}(1+H)(\bar{\theta}+\bar{\delta})$ and is the contribution due to the stream curvature

If suffix 0 represents the conditions at the start of the interaction, then dividing through by $\rho_{iw_0}U_{iw_0}^2\bar{\theta}_{iw_0}$ and integrating, results in the form of the momentum integral equation used in the momentum balance calculations shown in Fig 9:

$$\left[\frac{\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - 1\right] = \underset{X_0}{\overset{X}{\int}} \frac{C_f}{2}\frac{\rho_e U_e^2}{\rho_{iw_0}U_{iw_0}^2\theta_0}dX - \frac{1}{2}\underset{1}{\overset{\left(\frac{U_{iw}}{U_{iw_0}}\right)^2}{\int}} \frac{\rho_{iw}\bar{\delta}}{\rho_{iw_0}\bar{\delta}_0}d\left(\frac{U_{iw}}{U_{iw_0}}\right)^2 + \left(\frac{f\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - f_0\right) .$$

④ ⑤

..... (25)

In Figs 9 and 11 $\left(\frac{\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - 1\right)$ is called the left hand side while the remainder of the expression is called the right hand side. The numbered terms are identified later (in Fig 12) as the contributions due to

④ skin friction

⑤ pressure gradient.

Both sides of equation (25) were calculated using the alternative assumptions of section 3.2 which were (for traverses across the boundary layer):

(a) static pressure constant and equal to the measured wall pressure;

(b) static pressure as measured;

(c) equivalent inviscid static pressure together with measured static pressure. The equivalent inviscid static pressure was calculated for traverses ahead of the shock wave only.

Fig 9 shows the comparison between the left hand side and the right hand side of equation (25) plotted against the streamwise position. The calculations were made using assumption (c). It will be seen that the momentum balance is good over the main interaction region and only becomes significantly in error at approximately 800 mm downstream of the normal shock wave. Downstream of this point, the left hand side actually reduces for Mach numbers ahead of the interaction of 1.4 and 1.5. This indicates a flow divergence and it is interesting to calculate its magnitude.

In terms of equation (22) Green *et al*[24] showed that a flow divergence could be accounted for by subtracting the local rate of divergence $\bar{\theta}(d\phi/dz)$ from the right hand side. This quantity represents the rate of the deviation relative to the nominal flow direction with respect to distance Z perpendicular to the flow but parallel to the surface.

In equation (25) this divergence takes the form

$$\int_{X_0}^{X} \frac{\rho_{iw} U_{iw}^2 \bar{\theta}}{\rho_{iw_0} U_{iw_0}^2 \bar{\theta}_0} \frac{d\phi}{dz} \, dX$$

and this can be added to the left hand side. It is therefore easy to make an estimate of $d\phi/dz$.

This estimate is shown in Fig 10a-c in degrees per metre. For points further downstream of the normal shock wave than 300 mm the figures show a flow divergence of 7^{o}/m at M = 1.3 rising to 15^{o}/m at M = 1.5 (equivalent to 7^{o} and 15^{o} over the tunnel width). The wild fluctuations within the main interaction region are of course due to the rapidly changing conditions and the close streamwise spacing of the traverse positions.

Assumptions (a), (b) and (c) were used to provide comparisons of both sides of the momentum integral equation as shown in Fig 11. There appears little to choose between the momentum balance using any of these assumptions. However it is possible to see some improvement using assumption (b) rather than (a). If the region ahead of the shock wave is examined there is again some improvement if calculation assumption (c) is used.

Fig 12 shows the individual contributions to the right hand side of equation (25).

4.2 Edge Mach numbers and boundary layer parameters

Fig 13a-c shows the development of the Mach number at the edge of the boundary layer, M_{δ} , the boundary-layer displacement thickness, δ^* , the shape factor H , defined by equation (13), the boundary layer thickness, $\delta_{0.995}$, the skin friction coefficient C_{f_p} (section 3.3), and the shape factor $\bar{H}$ defined by equation (14), all plotted against the longitudinal distance X from the normal part of the shock wave. The results in Fig 13 were calculated assuming constant static pressure, p_w , across the boundary layer normal to the tunnel wall. Further graphs of M_{δ}, δ^*, H and $\bar{H}$ (Fig 14a-c) show the effect of using measured static pressures to calculate these parameters. The longitudinal region covered by these figures is from 500 mm ahead to 500 mm downstream of the normal shock wave. Outside this region it was assumed that the static pressures were constant normal to the wall and equal to the static pressures used in the first set of calculations (see Fig 15a&b and the Appendix).

Overall there appears to be little effect of variation of Reynolds number on the shape factors and the normalised variation of δ^* and $\delta_{0.995}$. A separation bubble occurs under the interaction region at M = 1.5 and its extent is indicated by the zero values of C_{f_p} . The bubble size decreases slightly with increase in Reynolds number. The shape of the bubble can, however, be seen in the plots of Mach number distribution, Fig 16a-f, and will be described in section 4.4.

The results agree broadly with those obtained in Ref 2 where a fixed pitot rake was used on the standard tunnel floor. However discrepancies begin to creep in 1 m downstream of the normal shock wave where in Ref 2 the Mach number at the start of the interaction was affected by the proximity of the tunnel throat. The results from Ref 2 at M = 1.5 were much more sensitive to Reynolds number in the interaction region and this was probably due to pitot-rake interference. One other point should be noted (and it can be seen in nearly all the following figures) and that is that the rehabilitation process behind the normal shock wave has not been completed after 3 m. This distance is equivalent to at least 400 times the undisturbed displacement thickness ahead of the interaction. It can be seen in Fig 13a-c that the edge Mach numbers, shape factors and boundary layer thicknesses have not yet reached their asymptotic values at the furthest downstream traverse positions.

4.3 Measured static pressures

Static pressure distributions normal to the wall are plotted on scale diagrams of the main interaction region in Fig 15a&b as the difference from the corresponding wall static pressure non-dimensionalised by dividing by the undisturbed stagnation pressure. Zero values are located at the appropriate streamwise station.

As described in the Appendix, the static pressure results have usually been made to merge into the appropriate wall values at floor level, however wall static values have been assumed to apply throughout the separated region in the absence of reliable local values. Static pressures recorded very close to the shock wave may have been affected by its movement and so local pressure gradients may have been reduced.

The diagrams show the expected static pressure variation throughout the main interaction region. The static pressures are fairly constant across the inner part of the shear flow and then decrease outwards across the compression region ahead of the normal shock wave to free-stream values. Behind the main shock wave they increase from one fairly constant level near the wall to a second level behind the normal part of the shock wave.

4.4 Mach number distribution

Mach number contours are plotted in Fig 16a-f over the main interaction region and over the whole of the region investigated downstream of the normal shock wave (note the change of streamwise scale). Measured pitot and the corrected static pressures were used to calculate Mach numbers and the figures result from linear interpolations of Mach number profiles in the vertical direction and from horizontal plots of Mach numbers at constant distances from the wall, y.

The results are therefore dependent on the accuracy of the corrected static pressure measurements and the interpolation procedures which are affected most critically by the smearing effect of the slightly unsteady shock wave. However the results in the interaction region are broadly confirmed by the laser-Doppler anemometer measurements of East[3] and the results of Kooi[7] at M = 1.4. A particular feature is the development of the supersonic tongue beneath the downstream shock wave for M = 1.5.

If East's and the present results at a Reynolds number of 10×10^6/m are compared in slightly more detail, the Mach number contours are in good agreement ahead of the normal shock wave if due allowance is made for the smearing effect of the unsteady shock wave (see above). Very similar supersonic tongues may be seen behind the shock wave and they continue downstream (in both experiments) for 100 mm near the edge of the boundary layer. East's results at M = 1.5 do not cover the full extent of the supersonic tongue but show that it is more extensive than at M = 1.4. In fact the present experiment confirms that it persists near the edge of the boundary layer for 400 mm downstream of the shock wave while at a Reynolds number of 3.5×10^6/m it persists for 600 mm.

It is difficult to be specific about the shape of the supersonic tongue immediately downstream of the trailing shock wave, but the present results agree well with Kooi[7] who also used pitot and static pressure measurements. The rear shock wave appears to terminate at the edge of the boundary layer so that supersonic flow appears to exist above the boundary layer behind a normal shock wave.

There is evidence to suggest that the thin shear layer formed downstream of the shock bifurcation point is still intact 3 m behind the normal shock wave, and even at M = 1.3 there is no sign that the inviscid flow has recovered sufficiently to provide a uniform Mach number contour across the tunnel.

The other point of interest is the separation region at M = 1.5. There appears to be a small decrease in the overall dimensions of the separation bubble with increase in Reynolds number. In fact the length of the separation bubble is reduced from 300 mm at $Re/m = 3.5 \times 10^6$ to 200 mm at $Re/m = 10 \times 10^6$ while the height is reduced slightly from just over 9 mm at the lowest Reynolds number to 7 mm at the highest Reynolds number. This result is in disagreement with Sawyer *et al*[2] where a much greater reduction in bubble size was indicated although as stated in section 4.2 the conditions were somewhat different.

4.5 Boundary-layer velocity profiles

4.5.1 General

Boundary-layer profiles are shown in Fig 17a-f plotted on a scale diagram of the main interaction region together with an extended diagram on a compressed scale showing the whole region of measurement behind the normal shock wave.

The figures indicate the general characteristics of the boundary-layer development. They show the progression from the undisturbed state through the leading compression which influences the shape of the outer part of the boundary layer, through the subsequent separation or near-separation region, to the final recovery towards a zero-pressure-gradient form for the profiles. It can be seen even on the small scale diagrams that the profiles are still disturbed after a distance of nearly 3 m downstream of the normal shock wave, or approximately 400 times the undisturbed displacement thickness.

4.5.2 Logarithmic velocity profiles

Representative velocity profiles are plotted in the logarithmic form adopted by Winter and Gaudet[25] as $\left(U/U_\tau^i\right)$ against $\log\left(yU_\tau^i/\nu_\delta\right)$ where U_τ^i is the equivalent

incompressible friction velocity. Values of U_τ^i were derived from the skin friction coefficient C_{f_p} using the formula

$$U_\tau^i = U_\delta \left(\frac{C_{f_p}}{2}\right)^{\frac{1}{2}} \left(1 + 0.2M_\delta^2\right)^{\frac{1}{4}} \quad . \tag{26}$$

C_{f_p} was obtained by treating the pitot tube when in contact with the wall as a Preston tube and using the calculation method described in section 3.3.

The results are plotted separately for three regions. Fig 18 shows the undisturbed velocity profiles just ahead of the interaction region. These profiles were used to define the undisturbed conditions of Table 1. The profiles far downstream of the interaction region are shown in Fig 19. Fig 20 shows typical profiles just downstream of the main interaction region.

4.5.3 The law of the wall

Figs 18 to 20 show typical 'law of the wall' fits for small values of y (the distance from the wall). The law of the wall is defined in the form adopted by Winter and Gaudet[25] as

$$\frac{U}{U_\tau^i} = \frac{1}{\kappa} \ln\left(\frac{yU_\tau^i}{\nu_\delta}\right) + \phi(0) \quad , \tag{27}$$

which may be expressed as

$$\frac{U}{U_\tau^i} = A \log\left(\frac{yU_\tau^i}{\nu_\delta}\right) + B \quad . \tag{28}$$

The results have been compared with Winter and Gaudet's incompressible law of the wall

$$\frac{U}{U_\tau^i} = 6.05 \log\left(\frac{yU_\tau^i}{\nu_\delta}\right) + 4.05 \quad , \tag{29}$$

and with Coles' incompressible form (equation (5))

$$\frac{U}{U_\tau} = 5.62 \log\left(\frac{yU_\tau}{\nu_\delta}\right) + 5.0 \quad .$$

Coles' incompressible law of the wall is usually applied to compressible flow by making use of the Van Driest[26] transformation. It was therefore necessary to confirm that the transformations of Van Driest and Winter and Gaudet gave similar results when applied to the compressible profiles of the present experiment. Two profiles were checked and are plotted using both transformations in Figs 18 and 19. The first profile had a free-stream Mach number of 1.54 and was in the undisturbed region ahead of the

interaction region, while the second profile had a free-stream Mach number of 0.83 and was from a pitot traverse made 2759 mm downstream of the normal shock wave. It can be seen that both transformations gave identical values of A and B although the wake components were very different at the free-stream Mach number of 1.54 (Fig 18). Because both transformations gave identical values of A and B Coles' incompressible law of the wall has been presented in the form adopted by Winter and Gaudet.

It would appear from Fig 18 that within the data scatter there is little to choose between the forms of the law of the wall due to Coles and due to Winter and Gaudet.

The average fit made to all the profiles ahead of the interaction region is

$$\frac{U}{U_\tau^i} = 6.16 \log \frac{yU_\tau^i}{\nu_\delta} + 3.6 \qquad (30)$$

which is somewhat closer to the latter.

However behind the normal shock wave (Figs 19 and 20) the average fit becomes

$$\frac{U}{U_\tau^i} = 4.77 \log \frac{yU_\tau^i}{\nu_\delta} + 6.6 \qquad (31)$$

which is quite different from equation (30).

Equations (30) and (31) were obtained by fitting the best straight lines (using the method of least squares) to the linear logarithmic regions close to the wall and averaging the results ahead of, and downstream of, the normal shock wave. Straight line fitting was not attempted when there were less than eight measured points in the linear region, or when the pitot traverse results contained reversed flow. The two traverse positions that were closest to the wall were omitted when fitting best straight lines.

Fig 21 shows the variation of A and B with streamwise position for each undisturbed free stream condition. It demonstrates most clearly the reduction in A accompanied by an increase in B for the boundary-layer traverse positions downstream of the normal shock wave. There does not seem to be any consistent variation of A and B with Reynolds number.

It would appear therefore that either large perturbations or normal pressure gradients affect the law of the wall, in a way which implies an increase in the eddy viscosity.

4.5.4 Departures from equilibrium and the law of the wake

An attempt has been made to demonstrate violent departures of the flow from equilibrium by extracting from the measurements the parameters used to describe the equilibrium locus in integral models of turbulent boundary layers. The analysis is further extended in terms of the character and magnitude of the wake component.

In order to deal with separated flows, East, Smith and Merryman[27] redefined the usual parameters

$$G = \frac{\bar{H} - 1}{\bar{H}} \sqrt{\frac{2}{C_f}} \quad , \tag{32}$$

$$\Pi = - \frac{2\delta^*}{C_f U_\delta} \frac{dU_\delta}{dX} \tag{33}$$

as

$$E_f^i = \frac{1}{G^2} \quad , \tag{34}$$

and

$$E_p^i = \frac{\Pi}{G^2} \quad , \tag{35}$$

thus removing the difficulty created as the skin friction coefficient passes through zero and becomes negative. With an empirically derived allowance for compressibility, the parameters become

$$E_f = \frac{1 + 0.04M_\delta^2}{G^2} \tag{36}$$

$$E_p = \frac{\Pi}{G^2} \left(1 + 0.04M_\delta^2\right) \quad . \tag{37}$$

In Fig 22, the loci for the measured boundary layer developments are compared with the equilibrium locus

$$E_f = 0.024 - 0.8E_p \tag{38}$$

which is substantiated by experiment for attached flow and tentatively assumed in Ref 27 to remain valid in separated flow.

Points to the right and left of the equilibrium locus correspond respectively to stronger and weaker adverse pressure gradients than those appropriate to equilibrium flow. Negative values of E_p represent favourable pressure gradients, while negative values of E_f represent separation.

In Fig 22 the results for each set of test conditions have been plotted using symbols to represent the following regions

A represents equilibrium conditions ahead of the main interaction;

B represents the strongly adverse pressure gradient under the leading compression (which causes separation at M = 1.5);

C represents the rapid recovery just downstream of the normal shock wave;

D represents the remainder of the flow which might be expected to approach equilibrium conditions.

Points on the loci where there are changes from one region to the next are indicated by the numerals 1 to 3.

The loci show that region A is approximately in equilibrium but the rapid rise of E_p while E_f only falls slowly in region B indicates that the boundary layer lags in its response to the strong adverse pressure gradient under the leading compression. In region C, E_p recovers rapidly to the equilibrium locus but then overshoots before returning. E_f only starts to increase after E_p has overshot the equilibrium locus and this again indicates a lag in the response of the boundary layer to a change in pressure gradient. The failure of the boundary layer to return to the equilibrium locus far downstream (in region D) may be interpreted as a further indication of the persistently disruptive effect of the shock-wave boundary-layer interactions on the velocity profiles already detected in the law of the wall as shown in Fig 21.

On the other hand the wake components of the profiles, remain fairly close to the standard shape as shown in Figs 23 and 24. In these figures the normalised wake components have been plotted in the following way. Fig 23a shows the undisturbed wake components in region A, and the results under the first compression through which it is possible to fit a law of the wall are shown in Fig 23b. Fig 24a-c has been produced by grouping similar normalised wakes into one diagram. In fact Fig 24a&b covers the rapid recovery region C together with the beginning of D, while Fig 24c covers the downstream part of region D.

According to Winter and Gaudet[25] the law of the wake for compressible boundary layers in zero pressure gradients is

$$\frac{\Delta U}{U_\tau^i} = 0.89\left[1 + \sin\frac{\pi}{0.707}\left(\frac{y}{\delta_{0.999}} - 0.483\right)\right] \quad . \tag{39}$$

which after normalisation and allowance for the difference between $\delta_{0.999}$ and $\delta_{0.995}$ becomes

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{0.818}\left(\frac{y}{\delta_{0.995}} - 0.529\right)\right] \quad , \tag{40}$$

where the normalised wake component $\left(\Delta U/U_\tau^i\right)_N$ has been obtained by dividing the wake component by the maximum value for each traverse. The shape of the normalised wake components has been plotted in Figs 23 and 24. On each figure a curve in the form of equation (40) is shown with the constants adjusted to fit the particular set of results.

The maximum values of the wake component for each traverse $\left(\Delta U/U_\tau^i\right)_{max}$ are plotted in Fig 25 against E_f. In Fig 25a the results for regions A and B ahead of the normal shock wave are given while the results downstream of the normal shock wave (in regions C and D) are shown in Fig 25b. It will be seen in Fig 25a that apart from the boundary layer profiles that have been perturbed by the leading edge of the strong compression, the maximum values of the wake components are in good agreement with the locus obtained from the equilibrium family of boundary layers described by East, Sawyer and Nash[28]. However, in Fig 25b for locations downstream of the disruptive effect of the strong pressure gradient (points in the regions C and D downstream of the normal shock wave) the results depart considerably from the equilibrium locus.

The different behaviour upstream and downstream of the shock wave is illustrated further in Fig 26 where calculated values of J and K are plotted against the equilibrium parameter E_f. The values of J and K were obtained by fitting sine waves of the form

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{J}\left(\frac{y}{\delta_{0.995}} - K\right)\right] , \qquad (41)$$

to the wake components for each boundary layer profile.

It should be noted that because of the quantity of data recorded, the values of $\left(\Delta U/U_\tau^i\right)_{max}$ were taken at that y-position of the pitot probe which gave a maximum value rather than estimating the true value by curve fitting. This in part accounts for the spread of values of J. No attempt was made to investigate the region B under the first compression.

However in the undisturbed equilibrium boundary layers of region A, the averaged values of J and K result in a normalised law of the wake

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{0.819}\left(\frac{y}{\delta_{0.995}} - 0.494\right)\right] \qquad (42)$$

which is extremely close to Winter and Gaudet's law (equation (40)). The average value of $\left(\Delta U/U_\tau^i\right)_{max}$ for region A is 2.23 which is rather higher than Winter and Gaudet's value of 1.78 (equation (39)).

In the region downstream of the shock wave (Fig 26b) the parameters J and K show an appreciable variation with E_f. Thus in this region the velocity profiles cannot be represented by a family having either a standard law of the wall (section 4.5.3) or a standard form of the law of the wake.

5 CONCLUSIONS

Seven flows have been studied involving the interaction of normal shock waves with nominally two-dimensional turbulent boundary layers over a range of Mach numbers of 1.3 to 1.5 and of Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The data extend from 700 mm upstream to 3000 mm downstream of the normal shock-wave position. These distances are equivalent to respectively 90 and 400 times the undisturbed boundary layer displacement thickness.

Oil flow investigations on the floor under the main interaction region indicate a highly three-dimensional flow at M = 1.5, but the results and momentum balance calculations support the view that this three-dimensionality is confined to the separation region. This region is very shallow having a depth of less than 10 mm and streamwise extent of 300 mm while the flow in the region of the tunnel centre line is tolerably two-dimensional, except in the immediate regions of the saddle points at the start and end of the separation. Further downstream of the main interaction region, the momentum balance calculations indicate a slight flow divergence over the width of the tunnel of between 7° at M = 1.3 to 15° at M = 1.5.

In calculating the momentum balance, use has been made of corrected static pressure measurements and an attempt has been made to follow the recent ideas of matching the free-stream conditions with the viscous layer by defining an equivalent inviscid flow.

A method has been evolved for correcting the static pressure measurements made with the twin static pressure probe used in the experiment, and static pressure distributions normal to the wall within the main shock-wave boundary-layer interaction are presented. Combined with pitot measurements this enables the Mach number distribution to be obtained.

The results agree with the laser measurements of East[3] which cover a more limited region. The present experiment has also produced more detail of the separated region. Good agreement is also noted with Kooi's[7] results at M = 1.4.

All the measurements confirm that the flow has not stabilised after 3 m downstream of the normal shock wave (or 400 times the undisturbed displacement thickness). Here the main shear layer which is produced at the bifurcation point of the shock waves at M = 1.4 and 1.5 is intact and there are still velocity gradients across the tunnel in the inviscid flow. Also the boundary-layer profiles have not recovered to the equilibrium shapes.

The analysis in terms of the law of the wall and the law of the wake for the region ahead of the interaction agree fairly closely with Winter and Gaudet (equation (29)) and Coles (equation (5)). However the evidence downstream of the normal shock wave suggests that the law of the wall has been changed by the large perturbations or normal pressure gradients. However a single law of the wall may be used for the whole region behind the main disturbance.

A normalised version of Winter and Gaudet's law of the wake (equation (40)) provides a fair estimate for the shape of the normalised wake components ahead of the normal shock wave. The disruptive effects of the normal shock waves appear mainly as changes in amplitude of the normalised wake components, but the form of the wake component is also changed.

Apart from the boundary layers immediately affected by the leading edge of the first compression, the maximum values of the wake function ahead of the normal shock wave have a similar correlation with the equilibrium function E_f (equation (36)) as the equilibrium family of flows of East, Sawyer and Nash[28]. Although the maximum values of the wake functions downstream of the normal shock wave also correlate with E_f, they correlate in a quite different way from that expected for equilibrium boundary layers.

Appendix

STATIC PRESSURE PROBE CORRECTIONS

A.1 Calibration measurements

As stated previously (section 2.2.4) the corrections to be applied to the static pressure probes were based on limited measurements made in the free stream at transonic speeds together with the results of the calibrations of the twin static pressure probe by traverses through the floor boundary layers at free-stream Mach numbers between 0.66 and 0.88. Additional information was derived during the actual experiment from the static and pitot traverses ahead of the interaction region at free-stream Mach numbers of 1.3, 1.4 and 1.5. Data was also used from the static and pitot traverses made through the boundary layer 1 to 3 m downstream of the normal shock wave at M = 1.3. It was assumed that for all these regions the static pressure for each traverse was constant and equal to the wall value, p_w .

The results of the free-stream calibrations are shown in Fig 27 where the differences between the measured and actual static pressures are presented as pressure coefficients based on local conditions plotted against Mach number. Also (shown dotted) are the calibrations after three stages of smoothing which were used to correct the static pressure readings made under the severe velocity gradients of the region investigated (section A.2.2). There was no apparent Reynolds number effect on the calibrations but time limitations precluded much use of the single static pressure probes. The correction method described, therefore applies only to the twin static pressure probe. No static measurements were made at M = 1.4 for a unit Reynolds number of $3.5 \cdot 10^6$/m.

A.2 The correction method applied to the twin static pressure probe

Fig 28a&b shows typical static pressure measurement errors incurred while making boundary layer traverses with the twin static pressure probe. The boundary layers had constant static pressures normal to the wall.

The errors have been presented as the differences between the measured and actual static pressures and are shown as pressure coefficients based on local conditions. They are plotted against the distance from the wall, y , non-dimensionalised by dividing by the boundary layer thickness $\delta_{0.995}$.

Fig 28a shows typical errors when the maximum Mach number is less than the critical value of 1.098 (the point at which the free-stream calibration errors are shown in Fig 27, to become negligible). The errors have a different character if the maximum Mach number for the traverse is above the critical value as shown in Fig 28b. It is therefore convenient to divide the errors to be corrected into two categories:

(1) when the outer static pressure probe is at a Mach number of less than or equal to 1.098;

(2) when the outer static pressure probe is at a Mach number greater than 1.098.

This is a not unreasonable assumption because the main source of error in the free-stream calibrations and the static traverse measurements made away from the influence of the wall, can be shown to be mostly due to the interconnecting stem between the inner and outer static pressure probes (see Fig 27 and Reed. Pope and Cooksey[29], pp 102&103). Therefore the main correction to be applied to the inner static probe depends on some estimate of the mean Mach number over the connecting stem provided the static pressure probes are both at Mach numbers below the critical 1.098. If however, the outer static probe is at a Mach number above this critical value, then there is no interference associated with the interconnecting stem in the region of the outer static probe. In this case a suitable course of action is to use the local Mach number to estimate the correction due to the interconnecting stem on the pressure measured by the inner static probe.

It is now proposed to deal with the errors in more detail by considering the three regions A, B and C indicated in Fig 28 in conjunction with the Mach number of the outer static pressure probe.

A.2.1 Region A

The error in this region is treated as arising mainly from wall interference. There is however some compressibility effect. The errors are presented in law of the wall terms for correlation purposes (Figs 29 and 30). Fig 29 shows the accumulated errors resulting from the subsonic boundary-layer traverses, while Fig 30 shows the errors resulting from the undisturbed boundary-layer traverses ahead of the interaction region at free-stream Mach numbers of 1.3, 1.4 and 1.5. To calculate the corrections, the errors of region A may be added to those of region B . However because the errors of regions B and C are based on local conditions rather than the conditions at the edge of the boundary layer used for region A , the region A errors are multiplied by a factor $(1/M)^2$ to bring them into line.

Thus the corrections needed for the static pressure measurements made in region A are given by

$$C_{p_A} = \frac{p_m - p}{\frac{1}{2}\rho U^2} = C_f \left(\frac{M_\delta}{M}\right)^2 f_n\left(\frac{yU_\tau}{\nu_\delta}, M\right) .$$

A.2.1.1 Outer static pressure probe at $M \leq 1.098$

The measurement errors shown in Fig 29 have been presented as

$$\left(\frac{p_m - p_w}{\frac{1}{2}\rho_\delta U_\delta^2}\right)\frac{1}{C_f}$$

and plotted against yU_τ/ν_δ . The corrections needed are actually fairly small (for the Mach numbers are low) and so a single correction has been used and this is represented by the continuous line in the figure. The correction is given by

$$C_{p_A} = 15C_f\left(\frac{M_\delta}{M}\right)^2 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} < 644$$

$$C_{p_A} = C_f\left(\frac{M_\delta}{M}\right)^2\left[50.37 - 5.469\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right)\right] \qquad \text{when} \quad 644 \leqslant \frac{yU_\tau}{\nu_\delta} < 1000$$

$$C_{p_A} = 0 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} \geqslant 1000 \ .$$

A.2.1.2 Outer static pressure probe at $M > 1.098$

Fig 30 shows the pressure measurement errors plotted in similar terms to those used in section A.2.1.1. Here the results are strongly Mach-number dependent. The corrections have been applied on the assumption that the pressure measurement errors in Fig 30 have a linear relation with Mach number for constant yU_τ/ν_δ. The slopes and zero intercepts of this linear variation are then assumed to be entirely dependent upon $yU_\tau/\nu_{\delta_{0.995}}$. The corrections which are shown by the continuous lines in Fig 30 are given by

$$C_{p_A} = FC_f\left(\frac{M_\delta}{M}\right)^2\left[M - 0.2725 - 0.1153\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right)\right]$$

where $F = 19.33\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right) - 433.5$ when $\frac{yU_\tau}{\nu_\delta} \leqslant 7660$

$F = 692.7\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right) - 6456$ when $7660 < \frac{yU_\tau}{\nu_\delta} < 11200$

$F = 0$ when $\frac{yU_\tau}{\nu_\delta} \geqslant 11200$.

This correction is based on rather limited evidence but the magnitude is small and the probable accuracy of the correction is within 1½% of the true static pressure.

A.2.2 Regions B and C

The errors in these regions are treated as arising from a combination of shear flow and compressibility effects. It would therefore be expected that there would be an error which would correlate with $y/\delta_{0.995}$ and a larger error due to the geometry of the twin static pressure probe, which would correlate with Mach number. As stated in section A.2 the greater part of the latter error is due to the stem interconnecting the inner and outer static pressure probes, and the necessary correction depends on an estimate of Mach number and a form of the free-stream calibration of the twin static probe.

In fact, the average Mach number of the inner and outer static probes is used to give the necessary correction to the static pressure measured by the inner probe, when the outer probe is below the critical Mach number of 1.098. In all other instances the local Mach number is used to obtain the correction needed to the measured static pressure.

This applies to both the inner and outer static probes. The local Mach number is always used for the outer static pressure probe because it is normally in a region where the Mach number gradient normal to the wall is small.

It was found that the free-stream calibration overcorrected the static pressure measurement errors, and so a compromise calibration was used (shown dotted in Fig 27a) which involved three stages of smoothing. It may be noted from Fig 16a-f that the critical Mach number is only encountered ahead of and in the immediate vicinity of the main interaction region. The location of the point for critical Mach number is close to the wall for stations upstream of the influence of the normal shock wave. The environment is therefore one of severe shear strains and velocity gradients and the smoothing exercise is probably justified as it only affects the free-stream calibration in the region of the critical Mach number.

The form of the corrections is given by

$$C_{p_B} = fn\left(M_I,\ M_U,\ \frac{y}{\delta_{0.995}}\right)$$

$$C_{p_C} = fn\left(M_U,\ \frac{y}{\delta_{0.995}}\right) .$$

A.2.2.1 Outer static pressure probe at $M \leq 1.098$

The corrections are calculated in terms of local density and velocity. The modified calibration curves (shown dotted in Fig 27) are used to obtain $(p_m - p/\frac{1}{2}\rho U^2)$ from fn(M) and the modification to the free-stream calibration due to probe position is shown in Fig 31.

Thus the total correction is given by

$$C_{p_B} = fn\left(\frac{M_I + M_U}{2}\right) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_C} = fn(M_U) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_B} = 0 \qquad \text{if } \frac{y}{\delta_{0.995}} < 0.15 .$$

A.2.2.2 Outer static pressure probe at $M > 1.098$

$$C_{p_B} = fn(M_I) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{P_C} = fn(M_U) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{0.995} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{P_B} = 0 \qquad \text{if} \quad \frac{y}{0.995} < 0.15 \ .$$

A.2.3 Total corrections

$$\text{Inner tube} \quad C_{P_I} = C_{P_A} + C_{P_B} = \frac{P_m - p}{\frac{1}{2}\rho U^2}$$

$$\text{Outer tube} \quad C_{P_U} = C_{P_C} = \frac{P_m - p}{\frac{1}{2}\rho U^2} \ .$$

A.3 Applying the corrections

The following describes how the static pressure corrections are calculated and applied:

(1) Calculate the Mach number at each measuring station from interpolated pitot and wall pressure measurements. Calculate $y/\delta_{0.995}$, C_f and $y(U_\tau/\nu_s)$.

(2) Calculate the static pressure corrections and subtract from the measured values.

(3) Recalculate the new Mach number using the new static pressure and the interpolated pitot measurement.

Steps (2) and (3) are repeated until the difference between the new and old Mach number is less than 0.001. A suitable damping factor is needed to prevent oscillations in the calculation.

(4) Record the corrected Mach number and static pressure.

Fig 32 shows the effect of the correction on static pressures measured ahead and downstream of the interaction region where the static pressures may be expected to be nearly uniform across the boundary layer thickness. It will be seen that the static pressure errors have been reduced to 1½% of the true static pressure.

A.4 Transferring the corrected static pressures to the pitot traverse measurements

The final stage of the procedure is to interpolate in the distribution of static pressure to obtain values at the location of the pitot-pressure measurements.

The calculated static pressures for each static pressure traverse are smoothed and transferred to a carpet plot of static pressure against streamwise position as shown in Fig 33. The appropriate static pressures are then transferred from the carpet plot for each pitot traverse. A final stage of smoothing ensures that the final static pressure curves are asymptotic to the wall static pressure within a few millimetres of the tunnel floor.

The corrected static pressure results may be seen in Fig 15a&b.

Table 1

TEST CONDITIONS

M_0	Re/m $\times 10^{-6}$	Re δ^* $\times 10^{-3}$	Re θ $\times 10^{-3}$	Re ℓ $\times 10^{-6}$	Distance of throat ahead of window centreline (m)	Effective turbulent run ahead of window centreline (m)
1.270	3.66	29.1	14.1	11.2	2.78	3.25
1.272	10.21	68.2	33.8	31.2	2.78	3.23
1.373	3.67	30.0	13.6	10.9	2.84	3.17
1.386	10.03	68.2	31.6	29.5	2.84	3.14
1.522	3.51	28.1	11.8	9.5	2.86	2.97
1.531	6.47	46.1	20.2	17.3	2.87	2.95
1.538	9.96	68.7	29.2	27.9	2.87	3.02

BOUNDARY-LAYER PROFILES

M (NOMINAL) = 1.5

X=-675 MM T0=292.1 K DEL 99%= 35.7 MM
RE/M= 3.66*10^6 (MEASURED P) ME=1.291 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3659	0.3659
0.69	0.6539	0.5613	0.6539	0.5613	0.3659	0.3659
0.89	0.6781	0.5886	0.6781	0.5886	0.3659	0.3659
1.11	0.7055	0.6018	0.7055	0.6018	0.3659	0.3659
1.38	0.7222	0.6147	0.7222	0.6147	0.3659	0.3659
1.69	0.7364	0.6256	0.7364	0.6256	0.3659	0.3659
1.94	0.7516	0.6372	0.7516	0.6372	0.3659	0.3659
2.19	0.7841	0.6619	0.7841	0.6619	0.3659	0.3659
2.72	0.8091	0.6885	0.8091	0.6885	0.3659	0.3659
3.21	0.8280	0.6945	0.8280	0.6945	0.3659	0.3659
3.78	0.8456	0.7070	0.8456	0.7070	0.3659	0.3659
4.69	0.8766	0.7299	0.8766	0.7299	0.3659	0.3659
5.72	0.9094	0.7576	0.9094	0.7576	0.3659	0.3659
8.69	0.9726	0.7927	0.9726	0.7927	0.3659	0.3659
10.69	1.0122	0.8248	1.0122	0.8248	0.3659	0.3659
12.78	1.0478	0.8486	1.0478	0.8486	0.3659	0.3659
14.72	1.0795	0.8695	1.0795	0.8695	0.3659	0.3659
16.78	1.1126	0.8989	1.1126	0.8989	0.3659	0.3659
18.69	1.1412	0.9184	1.1412	0.9184	0.3659	0.3659
20.69	1.1680	0.9359	1.1680	0.9359	0.3659	0.3659
22.78	1.1995	0.9454	1.1995	0.9454	0.3659	0.3659
25.69	1.2277	0.9621	1.2277	0.9621	0.3659	0.3659
28.21	1.2586	0.9761	1.2586	0.9761	0.3659	0.3659
30.78	1.2874	0.9865	1.2874	0.9865	0.3659	0.3659
33.19	1.2982	0.9917	1.2982	0.9917	0.3659	0.3659
35.69	1.2966	0.9974	1.2966	0.9974	0.3659	0.3659
38.19	1.2988	0.9987	1.2988	0.9987	0.3659	0.3659
40.69	1.2910	1.0000	1.2910	1.0000	0.3659	0.3659
45.69	1.2889	0.9986	1.2889	0.9986	0.3659	0.3659
50.78	1.2888	0.9987	1.2888	0.9987	0.3659	0.3659
55.72	1.2884	0.9985	1.2884	0.9985	0.3659	0.3659
102.11	1.2985	0.9997	1.2985	0.9997	0.3659	0.3659
112.11	1.2913	1.0001	1.2913	1.0001	0.3659	0.3659
122.11	1.2898	0.9993	1.2898	0.9993	0.3659	0.3659
132.12	1.2904	0.9996	1.2904	0.9996	0.3659	0.3659
142.11	1.2913	1.0001	1.2913	1.0001	0.3659	0.3659
152.12	1.2891	0.9989	1.2891	0.9989	0.3659	0.3659
157.14	1.2887	0.9986	1.2887	0.9986	0.3659	0.3659

M (NOMINAL) = 1.5

X=-481 MM T0=292.1 K DEL 99%= 38.1 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.274 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3777	0.3777
0.69	0.6212	0.5420	0.6212	0.5420	0.3777	0.3777
0.89	0.6415	0.5680	0.6415	0.5680	0.3777	0.3777
1.10	0.6640	0.5764	0.6640	0.5764	0.3777	0.3777
1.32	0.6805	0.5895	0.6805	0.5895	0.3777	0.3777
1.58	0.6979	0.6001	0.6979	0.6001	0.3777	0.3777
1.69	0.7065	0.6116	0.7065	0.6116	0.3777	0.3777
2.58	0.7388	0.6552	0.7388	0.6552	0.3777	0.3777
2.72	0.7447	0.6552	0.7447	0.6552	0.3777	0.3777
3.28	0.7649	0.6798	0.7649	0.6798	0.3777	0.3777
3.72	0.8467	0.6871	0.8467	0.6871	0.3777	0.3777
4.69	0.8748	0.7082	0.8748	0.7082	0.3777	0.3777
5.71	0.8935	0.7441	0.8935	0.7441	0.3777	0.3777
8.78	0.9263	0.7758	0.9263	0.7758	0.3777	0.3777
10.69	0.9449	0.8023	0.9449	0.8023	0.3777	0.3777
12.69	0.9665	0.8244	0.9665	0.8244	0.3777	0.3777
14.71	1.0115	0.8482	1.0115	0.8482	0.3777	0.3777
16.69	1.0638	0.8781	1.0638	0.8781	0.3777	0.3777
18.69	1.0973	0.8998	1.0973	0.8998	0.3777	0.3777
20.78	1.1288	0.9168	1.1288	0.9168	0.3777	0.3777
23.19	1.1527	0.9284	1.1527	0.9284	0.3777	0.3777
25.78	1.1887	0.9455	1.1887	0.9455	0.3777	0.3777
28.19	1.2019	0.9622	1.2019	0.9622	0.3777	0.3777
30.78	1.2299	0.9758	1.2299	0.9758	0.3777	0.3777
33.19	1.2461	0.9858	1.2461	0.9858	0.3777	0.3777
35.78	1.2567	0.9932	1.2567	0.9932	0.3777	0.3777
38.22	1.2649	0.9978	1.2649	0.9978	0.3777	0.3777
40.78	1.2676	0.9986	1.2676	0.9986	0.3777	0.3777
45.72	1.2700	1.0000	1.2700	1.0000	0.3777	0.3777
50.75	1.2667	0.9980	1.2667	0.9980	0.3777	0.3777
55.78	1.2661	0.9978	1.2661	0.9978	0.3777	0.3777
102.11	1.2676	0.9986	1.2676	0.9986	0.3777	0.3777
112.11	1.2654	0.9973	1.2654	0.9973	0.3777	0.3777
122.12	1.2668	0.9981	1.2668	0.9981	0.3777	0.3777
132.12	1.2650	0.9970	1.2650	0.9970	0.3777	0.3777
142.17	1.2666	0.9980	1.2666	0.9980	0.3777	0.3777
152.17	1.2652	0.9971	1.2652	0.9971	0.3777	0.3777
157.13	1.2642	0.9965	1.2642	0.9965	0.3777	0.3777

M (NOMINAL) = 1.5

X=-479 MM T0=293.1 K DEL 99%= 38.5 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.267 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3798	0.3798
0.69	0.6207	0.5420	0.6207	0.5426	0.3798	0.3798
0.90	0.6446	0.5620	0.6446	0.5620	0.3798	0.3798
1.09	0.6620	0.5758	0.6620	0.5758	0.3798	0.3798
1.31	0.6805	0.5906	0.6805	0.5906	0.3798	0.3798
1.51	0.6967	0.6014	0.6967	0.6014	0.3798	0.3798
1.69	0.7067	0.6111	0.7067	0.6111	0.3798	0.3798
2.19	0.7328	0.6369	0.7328	0.6369	0.3798	0.3798
2.69	0.7611	0.6526	0.7611	0.6526	0.3798	0.3798
3.22	0.7867	0.6712	0.7867	0.6712	0.3798	0.3798
3.69	0.8029	0.6855	0.8029	0.6855	0.3798	0.3798
4.69	0.8355	0.7180	0.8355	0.7180	0.3798	0.3798
5.69	0.8661	0.7474	0.8661	0.7474	0.3798	0.3798
8.78	0.9298	0.7952	0.9298	0.7952	0.3798	0.3798
10.69	0.9651	0.8240	0.9651	0.8244	0.3798	0.3798
12.69	0.9975	0.8494	0.9975	0.8494	0.3798	0.3798
14.69	1.0297	0.8685	1.0297	0.8685	0.3798	0.3798
16.69	1.0645	0.8932	1.0645	0.8932	0.3798	0.3798
18.69	1.0918	0.9055	1.0918	0.9055	0.3798	0.3798
20.78	1.1213	0.9184	1.1213	0.9184	0.3798	0.3798
23.19	1.1521	0.9291	1.1521	0.9291	0.3798	0.3798
25.78	1.1913	0.9467	1.1913	0.9467	0.3798	0.3798
28.19	1.2082	0.9643	1.2082	0.9643	0.3798	0.3798
30.75	1.2365	0.9788	1.2365	0.9788	0.3798	0.3798
33.19	1.2565	0.9901	1.2565	0.9901	0.3798	0.3798
35.69	1.2597	0.9956	1.2597	0.9956	0.3798	0.3798
38.21	1.2643	0.9984	1.2643	0.9984	0.3798	0.3798
40.75	1.2658	0.9993	1.2658	0.9993	0.3798	0.3798
45.74	1.2670	1.0000	1.2670	1.0000	0.3798	0.3798
50.78	1.2664	0.9996	1.2664	0.9996	0.3798	0.3798
102.11	1.2654	0.9990	1.2654	0.9990	0.3798	0.3798
112.11	1.2656	0.9992	1.2656	0.9992	0.3798	0.3798
122.11	1.2665	0.9997	1.2665	0.9997	0.3798	0.3798
132.14	1.2667	0.9998	1.2667	0.9998	0.3798	0.3798
142.14	1.2656	0.9992	1.2656	0.9992	0.3798	0.3798
152.12	1.2642	0.9983	1.2642	0.9983	0.3798	0.3798

M (NOMINAL) = 1.5

X=-285 MM T0=292.1 K DEL 99%= 40.8 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.261 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3806	0.3806
0.69	0.6206	0.5586	0.6206	0.5586	0.3806	0.3806
0.90	0.6538	0.5731	0.6538	0.5731	0.3806	0.3806
1.11	0.6741	0.5876	0.6741	0.5876	0.3806	0.3806
1.29	0.6904	0.6006	0.6904	0.6006	0.3806	0.3806
1.49	0.7026	0.6104	0.7026	0.6144	0.3806	0.3806
1.71	0.7251	0.6298	0.7251	0.6298	0.3806	0.3806
2.19	0.7429	0.6426	0.7429	0.6426	0.3806	0.3806
2.78	0.7655	0.6599	0.7655	0.6599	0.3806	0.3806
3.21	0.7811	0.6713	0.7811	0.6713	0.3806	0.3806
3.69	0.7984	0.6844	0.7984	0.6844	0.3806	0.3806
4.78	0.8327	0.7186	0.8327	0.7186	0.3806	0.3806
5.69	0.8511	0.7350	0.8511	0.7350	0.3806	0.3806
8.78	0.9151	0.7859	0.9151	0.7859	0.3806	0.3806
10.69	0.9477	0.8125	0.9477	0.8125	0.3806	0.3806
12.78	0.9811	0.8381	0.9811	0.8381	0.3806	0.3806
14.69	1.0086	0.8611	1.0086	0.8611	0.3806	0.3806
16.71	1.0399	0.8845	1.0399	0.8845	0.3806	0.3806
18.78	1.0708	0.9057	1.0708	0.9057	0.3806	0.3806
20.69	1.0973	0.9241	1.0973	0.9241	0.3806	0.3806
23.19	1.1256	0.9361	1.1256	0.9361	0.3806	0.3806
25.72	1.1548	0.9575	1.1548	0.9575	0.3806	0.3806
28.75	1.1844	0.9738	1.1844	0.9738	0.3806	0.3806
30.75	1.2025	0.9781	1.2025	0.9781	0.3806	0.3806
33.21	1.2241	0.9825	1.2241	0.9825	0.3806	0.3806
35.69	1.2454	0.9889	1.2454	0.9889	0.3806	0.3806
38.21	1.2510	0.9956	1.2510	0.9956	0.3806	0.3806
40.78	1.2566	0.9966	1.2566	0.9966	0.3806	0.3806
45.69	1.2601	0.9995	1.2601	0.9995	0.3806	0.3806
50.71	1.2610	1.0000	1.2610	1.0000	0.3806	0.3806
55.69	1.2610	1.0000	1.2610	1.0000	0.3806	0.3806
102.11	1.2611	1.0006	1.2611	1.0006	0.3806	0.3806
112.11	1.2610	1.0000	1.2610	1.0000	0.3806	0.3806
122.11	1.2614	1.0014	1.2614	1.0014	0.3806	0.3806
132.17	1.2620	1.0006	1.2620	1.0006	0.3806	0.3806
142.12	1.2599	0.9993	1.2599	0.9993	0.3806	0.3806
152.11	1.2601	0.9995	1.2601	0.9995	0.3806	0.3806
157.11	1.2600	0.9994	1.2600	0.9994	0.3806	0.3806

M (NOMINAL) = 1.5

X= 187 MM T0= 292.1 K DEL 995= 40.7 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.268 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3776	0.3776
0.69	0.6372	0.5536	0.6372	0.5536	0.3776	0.3776
0.89	0.6689	0.5746	0.6689	0.5746	0.3776	0.3776
1.12	0.6814	0.5918	0.6814	0.5918	0.3776	0.3776
1.29	0.6979	0.6040	0.6979	0.6040	0.3776	0.3776
1.49	0.7131	0.6160	0.7131	0.6160	0.3776	0.3776
1.71	0.7247	0.6250	0.7247	0.6250	0.3776	0.3776
2.19	0.7542	0.6479	0.7542	0.6479	0.3776	0.3776
2.69	0.7759	0.6646	0.7759	0.6646	0.3776	0.3776
3.20	0.7941	0.6785	0.7941	0.6785	0.3776	0.3776
3.71	0.8116	0.6917	0.8116	0.6917	0.3776	0.3776
4.70	0.8404	0.7132	0.8404	0.7132	0.3776	0.3776
6.70	0.8815	0.7435	0.8815	0.7435	0.3776	0.3776
8.71	0.9220	0.7728	0.9220	0.7728	0.3776	0.3776
10.69	0.9530	0.7948	0.9530	0.7948	0.3776	0.3776
12.74	0.9860	0.8179	0.9860	0.8179	0.3776	0.3776
14.69	1.0107	0.8350	1.0107	0.8350	0.3776	0.3776
16.75	1.0417	0.8561	1.0417	0.8561	0.3776	0.3776
18.70	1.0679	0.8737	1.0679	0.8737	0.3776	0.3776
20.70	1.0938	0.8908	1.0938	0.8908	0.3776	0.3776
23.22	1.1266	0.9122	1.1266	0.9122	0.3776	0.3776
25.71	1.1578	0.9321	1.1578	0.9321	0.3776	0.3776
28.21	1.1838	0.9485	1.1838	0.9485	0.3776	0.3776
30.71	1.2095	0.9645	1.2095	0.9645	0.3776	0.3776
33.19	1.2310	0.9777	1.2310	0.9777	0.3776	0.3776
35.71	1.2456	0.9865	1.2456	0.9865	0.3776	0.3776
38.20	1.2575	0.9937	1.2575	0.9937	0.3776	0.3776
40.70	1.2631	0.9970	1.2631	0.9970	0.3776	0.3776
45.70	1.2680	1.0000	1.2680	1.0000	0.3776	0.3776
50.73	1.2640	1.0000	1.2680	1.0000	0.3776	0.3776
55.71	1.2677	0.9998	1.2677	0.9998	0.3776	0.3776
102.11	1.2675	0.9997	1.2675	0.9997	0.3776	0.3776
112.11	1.2675	0.9997	1.2675	0.9997	0.3776	0.3776
122.12	1.2655	0.9985	1.2655	0.9985	0.3776	0.3776
132.13	1.2667	0.9992	1.2667	0.9992	0.3776	0.3776
142.12	1.2656	0.9986	1.2656	0.9986	0.3776	0.3776
152.15	1.2665	0.9991	1.2665	0.9991	0.3776	0.3776
157.13	1.2665	0.9991	1.2665	0.9991	0.3776	0.3776

M (NOMINAL) = 1.5

X= 162 MM T0= 291.8 K DEL 995= 41.4 MM
RE/M= 3.66*10^6 (MEASURED P) ME=1.270 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3775	0.3775
0.69	0.6238	0.5515	0.6238	0.5515	0.3775	0.3775
0.89	0.6566	0.5765	0.6566	0.5765	0.3775	0.3775
1.09	0.6798	0.5890	0.6798	0.5890	0.3775	0.3775
1.30	0.6985	0.6037	0.6985	0.6037	0.3775	0.3775
1.49	0.7112	0.6137	0.7112	0.6137	0.3775	0.3775
1.70	0.7277	0.6266	0.7277	0.6266	0.3775	0.3775
2.22	0.7546	0.6475	0.7546	0.6475	0.3775	0.3775
2.69	0.7785	0.6658	0.7785	0.6656	0.3775	0.3775
3.19	0.7957	0.6788	0.7957	0.6788	0.3775	0.3775
3.69	0.8085	0.6885	0.8085	0.6885	0.3775	0.3775
4.70	0.8489	0.7127	0.8489	0.7127	0.3775	0.3775
6.70	0.8827	0.7435	0.8827	0.7435	0.3775	0.3775
8.69	0.9172	0.7684	0.9172	0.7684	0.3775	0.3775
10.69	0.9498	0.7916	0.9498	0.7916	0.3775	0.3775
12.70	0.9858	0.8163	0.9858	0.8163	0.3775	0.3775
14.73	1.0113	0.8344	1.0113	0.8344	0.3775	0.3775
16.73	1.0391	0.8533	1.0391	0.8533	0.3775	0.3775
18.71	1.0663	0.8715	1.0663	0.8715	0.3775	0.3775
20.69	1.0952	0.8907	1.0952	0.8907	0.3775	0.3775
23.20	1.1256	0.9104	1.1256	0.9104	0.3775	0.3775
25.70	1.1540	0.9286	1.1540	0.9286	0.3775	0.3775
28.20	1.1836	0.9473	1.1836	0.9473	0.3775	0.3775
30.70	1.2066	0.9616	1.2066	0.9616	0.3775	0.3775
33.19	1.2296	0.9757	1.2296	0.9757	0.3775	0.3775
35.73	1.2451	0.9851	1.2451	0.9851	0.3775	0.3775
38.28	1.2573	0.9924	1.2573	0.9924	0.3775	0.3775
40.70	1.2635	0.9961	1.2635	0.9961	0.3775	0.3775
45.71	1.2687	0.9992	1.2687	0.9992	0.3775	0.3775
50.71	1.2700	1.0000	1.2700	1.0000	0.3775	0.3775
55.70	1.2685	0.9991	1.2685	0.9991	0.3775	0.3775
102.11	1.2661	0.9977	1.2661	0.9977	0.3775	0.3775
112.11	1.2672	0.9983	1.2672	0.9983	0.3775	0.3775
122.11	1.2681	0.9989	1.2681	0.9989	0.3775	0.3775
132.12	1.2672	0.9983	1.2672	0.9983	0.3775	0.3775
142.12	1.2676	0.9986	1.2676	0.9986	0.3775	0.3775
152.13	1.2687	0.9992	1.2687	0.9992	0.3775	0.3775
157.12	1.2673	0.9984	1.2673	0.9984	0.3775	0.3775

M (NOMINAL) = 1.5

X= 138 MM T0= 291.9 K DEL 995= 40.1 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.265 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3798	0.3819
0.69	0.6285	0.5495	0.6285	0.5495	0.3798	0.3818
0.98	0.6516	0.5682	0.6516	0.5682	0.3798	0.3818
1.09	0.6679	0.5813	0.6679	0.5813	0.3798	0.3818
1.29	0.6879	0.5972	0.6879	0.5972	0.3798	0.3818
1.50	0.7016	0.6080	0.7016	0.6080	0.3798	0.3817
1.70	0.7142	0.6179	0.7142	0.6179	0.3798	0.3817
2.21	0.7424	0.6399	0.7424	0.6399	0.3798	0.3817
2.70	0.7662	0.6583	0.7662	0.6583	0.3798	0.3816
3.22	0.7883	0.6753	0.7883	0.6753	0.3798	0.3815
3.72	0.8073	0.6897	0.8073	0.6897	0.3798	0.3814
4.69	0.8336	0.7094	0.8336	0.7094	0.3798	0.3813
6.69	0.8764	0.7411	0.8764	0.7411	0.3798	0.3809
8.70	0.9126	0.7674	0.9126	0.7674	0.3798	0.3805
10.70	0.9439	0.7898	0.9439	0.7898	0.3798	0.3803
12.69	0.9737	0.8108	0.9737	0.8108	0.3798	0.3801
14.69	1.0067	0.8337	1.0067	0.8337	0.3798	0.3799
16.70	1.0328	0.8518	1.0328	0.8518	0.3798	0.3796
18.71	1.0598	0.8698	1.0598	0.8698	0.3798	0.3793
20.69	1.0846	0.8863	1.0846	0.8863	0.3798	0.3790
23.20	1.1166	0.9073	1.1166	0.9073	0.3798	0.3787
25.71	1.1486	0.9288	1.1486	0.9288	0.3798	0.3785
28.20	1.1748	0.9446	1.1748	0.9446	0.3798	0.3783
30.71	1.2018	0.9614	1.2018	0.9614	0.3798	0.3782
33.23	1.2241	0.9752	1.2241	0.9752	0.3798	0.3781
35.70	1.2420	0.9861	1.2420	0.9861	0.3798	0.3780
38.20	1.2555	0.9943	1.2555	0.9943	0.3798	0.3780
40.73	1.2618	0.9981	1.2618	0.9981	0.3798	0.3780
45.71	1.2658	1.0000	1.2658	1.0000	0.3798	0.3782
50.69	1.2684	1.0020	1.2684	1.0020	0.3798	0.3784
55.70	1.2663	1.0006	1.2663	1.0006	0.3798	0.3784
102.11	1.2645	0.9997	1.2645	0.9997	0.3798	0.3798
112.12	1.2645	0.9997	1.2645	0.9997	0.3798	0.3798
122.11	1.2625	0.9985	1.2625	0.9985	0.3798	0.3798
132.13	1.2656	1.0004	1.2656	1.0004	0.3798	0.3798
142.15	1.2659	1.0005	1.2664	1.0008	0.3798	0.3798
152.11	1.2659	1.0005	1.2681	1.0021	0.3798	0.3798
157.12	1.2679	0.9993	1.2677	1.0016	0.3798	0.3798

M (NOMINAL) = 1.5

X= 115 MM T0= 295.7 K DEL 995= 41.7 MM
RE/M= 3.61*10^6 (MEASURED P) ME=1.266 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3827	0.3827
0.69	0.6158	0.5415	0.6158	0.5415	0.3827	0.3967
0.98	0.6358	0.5572	0.6358	0.5572	0.3827	0.3966
1.09	0.6534	0.5720	0.6534	0.5720	0.3827	0.3964
1.29	0.6684	0.5841	0.6684	0.5841	0.3827	0.3963
1.49	0.6836	0.5962	0.6836	0.5962	0.3827	0.3961
1.71	0.6984	0.6081	0.6984	0.6081	0.3827	0.3960
2.19	0.7294	0.6325	0.7294	0.6325	0.3827	0.3956
2.71	0.7498	0.6484	0.7498	0.6484	0.3827	0.3953
3.24	0.7715	0.6652	0.7715	0.6652	0.3827	0.3949
3.72	0.7878	0.6777	0.7878	0.6777	0.3827	0.3945
4.70	0.8156	0.6988	0.8156	0.6988	0.3827	0.3938
6.70	0.8620	0.7336	0.8626	0.7387	0.3824	0.3924
8.69	0.8971	0.7594	0.8989	0.7571	0.3820	0.3911
10.69	0.9304	0.7835	0.9329	0.7816	0.3816	0.3899
12.70	0.9615	0.8056	0.9644	0.8019	0.3814	0.3887
14.70	0.9878	0.8241	0.9911	0.8225	0.3812	0.3876
16.69	1.0162	0.8438	1.0199	0.8424	0.3810	0.3865
18.72	1.0473	0.8658	1.0514	0.8637	0.3808	0.3855
20.69	1.0674	0.8786	1.0719	0.8775	0.3806	0.3845
23.19	1.1026	0.9020	1.1077	0.9018	0.3804	0.3837
25.72	1.1329	0.9218	1.1385	0.9218	0.3801	0.3831
28.20	1.1615	0.9401	1.1676	0.9396	0.3799	0.3825
30.71	1.1865	0.9560	1.1931	0.9555	0.3797	0.3821
33.22	1.2101	0.9707	1.2166	0.9701	0.3797	0.3817
35.69	1.2292	0.9825	1.2357	0.9818	0.3797	0.3813
38.24	1.2432	0.9910	1.2497	0.9903	0.3797	0.3809
40.71	1.2515	0.9960	1.2582	0.9954	0.3796	0.3804
45.70	1.2580	1.0000	1.2656	1.0000	0.3791	0.3799
50.70	1.2580	1.0000	1.2670	1.0007	0.3786	0.3786
55.70	1.2577	0.9998	1.2676	1.0012	0.3781	0.3781
102.11	1.2532	0.9971	1.2669	1.0006	0.3765	0.3765
112.11	1.2542	0.9977	1.2702	1.0026	0.3755	0.3755
122.11	1.2449	0.9921	1.2626	0.9980	0.3747	0.3747
132.13	1.2548	0.9976	1.2721	1.0038	0.3745	0.3745
142.11	1.2544	0.9976	1.2741	1.0050	0.3737	0.3737
152.12	1.2548	0.9976	1.2744	1.0051	0.3735	0.3735
157.12	1.2548	0.9976	1.2755	1.0058	0.3730	0.3730

Table 2 (continued)

M (NOMINAL)= 1 3

X=-89 MM T0=295 7 K DEL 995= 42 8 MM
RE/M= 3 61*10**6 (MEASURED P) ME=1 249 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4042	0 4237
0 69	0 5498	0 5001	0 5498	0 5001	0 4042	0 4235
0 91	0 5728	0 5197	0 5728	0 5197	0 4042	0 4234
1 09	0 5949	0 5380	0 5949	0 5380	0 4042	0 4233
1 29	0 6038	0 5453	0 6038	0 5453	0 4042	0 4232
1 50	0 6176	0 5576	0 6176	0 5576	0 4042	0 4232
1 71	0 6298	0 5679	0 6298	0 5679	0 4042	0 4231
2 20	0 6356	0 5893	0 6356	0 5893	0 4042	0 4229
2 55	0 6749	0 6052	0 6749	0 6052	0 4042	0 4227
2 71	0 6889	0 6181	0 6889	0 6181	0 4042	0 4226
3 19	0 7028	0 6288	0 7028	0 6288	0 4042	0 4224
3 70	0 7222	0 6437	0 7222	0 6437	0 4042	0 4222
4 71	0 7526	0 6681	0 7526	0 6681	0 4042	0 4218
6 73	0 8026	0 7076	0 8025	0 6935	0 4039	0 4209
8 75	0 8393	0 7368	0 8411	0 7220	0 4034	0 4200
10 69	0 8707	0 7680	0 8733	0 7468	0 4031	0 4190
12 78	0 9027	0 7941	0 9063	0 7703	0 4026	0 4176
14 70	0 9314	0 8054	0 9357	0 7916	0 4023	0 4164
16 70	0 9634	0 8287	0 9685	0 8150	0 4019	0 4151
18 69	0 9981	0 8482	0 9962	0 8345	0 4015	0 4138
20 69	1 0170	0 8671	1 0241	0 8539	0 4008	0 4125
23 30	1 0504	0 8985	1 0687	0 8789	0 3992	0 4108
25 70	1 0812	0 9118	1 0945	0 9016	0 3978	0 4098
28 21	1 1091	0 9387	1 1254	0 9219	0 3963	0 4069
30 70	1 1343	0 9476	1 1538	0 9403	0 3948	0 4049
33 21	1 1683	0 9647	1 1829	0 9590	0 3933	0 4025
35 69	1 1793	0 9771	1 2051	0 9729	0 3918	0 4008
38 20	1 1941	0 9866	1 2232	0 9841	0 3905	0 3974
40 70	1 2053	0 9938	1 2370	0 9927	0 3891	0 3954
45 78	1 2158	1 0000	1 2489	1 0000	0 3880	0 3911
50 69	1 2156	1 0000	1 2511	1 0013	0 3871	0 3871
55 95	1 2148	0 9998	1 2531	1 0025	0 3860	0 3860
102 11	1 2075	0 9952	1 2540	1 0031	0 3822	0 3822
112 11	1 2090	0 9962	1 2561	1 0043	0 3820	0 3820
122 11	1 2084	0 9958	1 2572	1 0050	0 3812	0 3812
132 12	1 2066	0 9947	1 2558	1 0042	0 3810	0 3810
142 12	1 2086	0 9959	1 2600	1 0067	0 3800	0 3800
152 11	1 2089	0 9961	1 2621	1 0080	0 3792	0 3792
157 37	1 2087	0 9960	1 2619	1 0078	0 3792	0 3792

M (NOMINAL)= 1 3

X=-66 MM T0=295 5 K DEL 995= 44 8 MM
RE/M= 3 60*10**6 (MEASURED P) ME=1 184 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4233	0 4403
0 69	0 4968	0 4647	0 4968	0 4647	0 4233	0 4400
0 90	0 5162	0 4826	0 5162	0 4826	0 4233	0 4400
1 09	0 5285	0 4935	0 5285	0 4935	0 4233	0 4399
1 29	0 5385	0 5023	0 5385	0 5023	0 4233	0 4398
1 49	0 5534	0 5154	0 5534	0 5154	0 4233	0 4397
1 70	0 5670	0 5273	0 5670	0 5273	0 4233	0 4397
2 20	0 5866	0 5445	0 5866	0 5445	0 4233	0 4395
2 69	0 6187	0 5652	0 6187	0 5652	0 4233	0 4393
3 19	0 6366	0 5875	0 6366	0 5875	0 4233	0 4391
3 69	0 6531	0 6015	0 6531	0 6015	0 4233	0 4389
4 77	0 6929	0 6258	0 6929	0 6258	0 4233	0 4385
6 70	0 7367	0 6714	0 7367	0 6714	0 4233	0 4378
8 75	0 7783	0 7053	0 7783	0 7053	0 4233	0 4370
10 00	0 8167	0 7361	0 8167	0 7361	0 4233	0 4361
12 69	0 8469	0 7599	0 8469	0 7599	0 4233	0 4353
14 70	0 8768	0 7832	0 8768	0 7832	0 4233	0 4345
16 69	0 9052	0 8050	0 9052	0 8050	0 4233	0 4336
18 70	0 9288	0 8224	0 9288	0 8224	0 4233	0 4327
20 71	0 9598	0 8463	0 9598	0 8463	0 4233	0 4318
23 24	0 9956	0 8727	0 9956	0 8727	0 4233	0 4307
25 69	1 0279	0 8961	1 0279	0 8961	0 4233	0 4296
28 21	1 0567	0 9167	1 0567	0 9167	0 4233	0 4283
30 73	1 0789	0 9324	1 0789	0 9324	0 4233	0 4272
33 20	1 1111	0 9547	1 1111	0 9547	0 4233	0 4260
35 69	1 1354	0 9713	1 1354	0 9713	0 4233	0 4250
38 27	1 1529	0 9832	1 1529	0 9832	0 4233	0 4239
40 70	1 1655	0 9917	1 1662	0 9884	0 4238	0 4228
45 77	1 1798	1 0000	1 1837	1 0000	0 4204	0 4201
50 70	1 1809	1 0020	1 1915	1 0051	0 4188	0 4188
55 70	1 1809	1 0020	1 1964	1 0084	0 4155	0 4155
60 72	1 1801	1 0014	1 2009	1 0113	0 4128	0 4128
70 70	1 1789	1 0006	1 2134	1 0195	0 4060	0 4060
80 70	1 1789	1 0006	1 2219	1 0250	0 4019	0 4019
90 71	1 1798	1 0012	1 2348	1 0333	0 3961	0 3961
102 11	1 1738	0 9972	1 2365	1 0343	0 3925	0 3925
106 19	1 1738	0 9972	1 2399	1 0366	0 3908	0 3908
108 12	1 1726	0 9964	1 2404	1 0369	0 3901	0 3901
112 22	1 1729	0 9966	1 2433	1 0387	0 3889	0 3889
114 11	1 1726	0 9964	1 2436	1 0390	0 3885	0 3885
116 12	1 1718	0 9958	1 2438	1 0390	0 3881	0 3881
118 11	1 1714	0 9956	1 2443	1 0393	0 3877	0 3877
122 13	1 1713	0 9955	1 2459	1 0404	0 3869	0 3869
132 15	1 1715	0 9957	1 2508	1 0438	0 3851	0 3851
142 12	1 1726	0 9964	1 2533	1 0458	0 3841	0 3841
152 12	1 1714	0 9956	1 2538	1 0454	0 3833	0 3833
162 14	1 1714	0 9956	1 2538	1 0454	0 3833	0 3833
172 12	1 1705	0 9950	1 2528	1 0448	0 3833	0 3833
182 12	1 1714	0 9956	1 2538	1 0454	0 3833	0 3833
192 13	1 1716	0 9958	1 2548	1 0455	0 3833	0 3833

M (NOMINAL)= 1 3

X=-41 MM T0=295 3 K DEL 995= 45 3 MM
RE/M= 3 60*10**6 (MEASURED P) ME=1 151 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4455	0 4644
0 69	0 4444	0 4289	0 4444	0 4289	0 4455	0 4641
0 89	0 4543	0 4381	0 4543	0 4381	0 4455	0 4640
1 11	0 4648	0 4471	0 4648	0 4471	0 4455	0 4639
1 30	0 4763	0 4583	0 4763	0 4583	0 4455	0 4639
1 49	0 4844	0 4658	0 4844	0 4658	0 4455	0 4638
1 70	0 4938	0 4745	0 4938	0 4745	0 4455	0 4637
2 19	0 5138	0 4927	0 5138	0 4927	0 4455	0 4635
2 69	0 5299	0 5073	0 5299	0 5073	0 4455	0 4633
3 19	0 5448	0 5208	0 5448	0 5208	0 4455	0 4631
3 81	0 5738	0 5462	0 5738	0 5462	0 4455	0 4629
4 74	0 5965	0 5671	0 5965	0 5671	0 4455	0 4625
6 70	0 6561	0 6194	0 6561	0 6194	0 4455	0 4617
8 70	0 7045	0 6611	0 7045	0 6611	0 4455	0 4609
10 75	0 7470	0 6971	0 7470	0 6971	0 4455	0 4600
12 75	0 7781	0 7164	0 7781	0 7164	0 4455	0 4590
14 69	0 8182	0 7495	0 8182	0 7495	0 4455	0 4581
16 70	0 8376	0 7718	0 8376	0 7718	0 4455	0 4572
18 71	0 8681	0 7962	0 8681	0 7962	0 4455	0 4562
20 78	0 8961	0 8185	0 8961	0 8185	0 4455	0 4552
23 19	0 9332	0 8474	0 9332	0 8474	0 4455	0 4540
25 70	0 9531	0 8665	0 9581	0 8665	0 4455	0 4527
28 22	0 9975	0 8963	0 9575	0 8963	0 4455	0 4514
30 71	1 0382	0 9286	1 0382	0 9286	0 4455	0 4502
33 20	1 0512	0 9368	1 0512	0 9368	0 4455	0 4488
35 72	1 0832	0 9591	1 0832	0 9591	0 4455	0 4475
38 19	1 1028	0 9731	1 1028	0 9731	0 4455	0 4461
40 69	1 1183	0 9841	1 1189	0 9777	0 4452	0 4449
45 69	1 1371	0 9973	1 1424	0 9940	0 4427	0 4424
50 93	1 1410	1 0000	1 1512	1 0000	0 4400	0 4399
55 78	1 1410	1 0000	1 1557	1 0031	0 4377	0 4377
60 69	1 1410	1 0000	1 1606	1 0065	0 4358	0 4358
70 70	1 1410	1 0000	1 1740	1 0156	0 4288	0 4288
80 70	1 1386	0 9983	1 1855	1 0232	0 4218	0 4218
90 75	1 1372	0 9974	1 1974	1 0315	0 4142	0 4142
102 11	1 1377	0 9977	1 2074	1 0380	0 4094	0 4094
112 17	1 1377	0 9977	1 2168	1 0442	0 4048	0 4048
114 17	1 1386	0 9983	1 2189	1 0457	0 4042	0 4042
116 11	1 1352	0 9959	1 2167	1 0442	0 4037	0 4037
118 12	1 1351	0 9959	1 2178	1 0449	0 4031	0 4031
120 13	1 1342	0 9952	1 2181	1 0451	0 4025	0 4025
122 26	1 1342	0 9952	1 2189	1 0457	0 4021	0 4021
127 12	1 1338	0 9950	1 2206	1 0468	0 4011	0 4011
132 15	1 1323	0 9939	1 2217	1 0475	0 3999	0 3999
137 14	1 1316	0 9935	1 2241	1 0491	0 3984	0 3984
142 11	1 1314	0 9933	1 2261	1 0504	0 3973	0 3973
152 15	1 1311	0 9931	1 2279	1 0516	0 3963	0 3963
162 11	1 1305	0 9927	1 2289	1 0522	0 3955	0 3955
172 12	1 1303	0 9925	1 2287	1 0521	0 3955	0 3955
182 12	1 1303	0 9925	1 2287	1 0521	0 3955	0 3955
192 15	1 1298	0 9919	1 2272	1 0511	0 3955	0 3955

M (NOMINAL)= 1 3

X=-15 MM T0=295 0 K DEL 995= 48 9 MM
RE/M= 3 58*10**6 (MEASURED P) ME=1 100 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4683	0 4961
0 69	0 3834	0 3826	0 3834	0 3828	0 4683	0 4959
0 89	0 3978	0 3968	0 3978	0 3968	0 4683	0 4958
1 09	0 4047	0 4035	0 4047	0 4035	0 4683	0 4957
1 29	0 4047	0 4035	0 4047	0 4035	0 4683	0 4956
1 50	0 4134	0 4118	0 4134	0 4118	0 4683	0 4956
1 69	0 4164	0 4147	0 4164	0 4147	0 4683	0 4955
2 19	0 4258	0 4334	0 4258	0 4334	0 4683	0 4953
2 71	0 4521	0 4498	0 4521	0 4498	0 4683	0 4951
3 21	0 4662	0 4624	0 4662	0 4624	0 4683	0 4950
3 72	0 4859	0 4810	0 4859	0 4810	0 4683	0 4948
4 69	0 5121	0 5057	0 5121	0 5057	0 4683	0 4945
6 69	0 5677	0 5575	0 5677	0 5575	0 4683	0 4937
8 78	0 6218	0 6070	0 6218	0 6070	0 4683	0 4930
10 70	0 6565	0 6382	0 6565	0 6382	0 4683	0 4923
12 69	0 6993	0 6762	0 6993	0 6762	0 4683	0 4916
14 69	0 7273	0 7087	0 7273	0 7087	0 4683	0 4909
16 70	0 7699	0 7375	0 7699	0 7375	0 4683	0 4902
18 72	0 7828	0 7479	0 7828	0 7479	0 4683	0 4894
20 69	0 8278	0 7865	0 8278	0 7865	0 4683	0 4885
23 19	0 8523	0 8069	0 8523	0 8069	0 4683	0 4873
25 70	0 9015	0 8471	0 9015	0 8471	0 4683	0 4861
28 20	0 9192	0 8613	0 9192	0 8613	0 4683	0 4849
30 75	0 9532	0 8883	0 9532	0 8883	0 4683	0 4836
33 22	0 9973	0 9227	0 9973	0 9227	0 4683	0 4824
35 78	1 0192	0 9396	1 0192	0 9396	0 4683	0 4811
38 22	1 0354	0 9519	1 0354	0 9519	0 4683	0 4798
40 71	1 0680	0 9784	1 0680	0 9784	0 4683	0 4784
45 77	1 0894	0 9922	1 0894	0 9922	0 4683	0 4756
50 71	1 0979	0 9985	1 0979	0 9985	0 4683	0 4725
55 72	1 0995	0 9996	1 0995	0 9996	0 4683	0 4688
60 72	1 1000	1 0000	1 1000	1 0000	0 4683	0 4683
70 72	1 1001	1 0002	1 1001	1 0002	0 4683	0 4683
80 11	1 1001	1 0001	1 1217	1 0158	0 4562	0 4562
112 12	1 0989	0 9992	1 1388	1 0281	0 4462	0 4462
122 11	1 0988	0 9985	1 1574	1 0414	0 4358	0 4358
132 17	1 0965	0 9974	1 1778	1 0552	0 4248	0 4248
142 13	1 0943	0 9958	1 1859	1 0615	0 4191	0 4191
152 15	1 0910	0 9934	1 1842	1 0602	0 4183	0 4183
162 14	1 0891	0 9920	1 1823	1 0589	0 4183	0 4183

N (REPLICATION) = 1 1

X= 6 MIN TH=294 0 K DEL 995= 50 9 MIN
RE/M= 1 52*10**6 (MEASURED P) RE=1 869 (MEASURED P)

	COAST PN		MEASURED P			
V (MPH)	N	U/SE	N	U/SE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4856	0 4663
0 69	0 1250	0 1300	0 1250	0 1300	0 4856	0 4668
0 98	0 1327	0 1409	0 1327	0 1409	0 4856	0 4671
1 10	0 1401	0 1563	0 1401	0 1563	0 4856	0 4672
1 29	0 1566	0 1599	0 1566	0 1599	0 4856	0 4674
1 49	0 1654	0 1736	0 1654	0 1736	0 4856	0 4675
1 70	0 1710	0 1792	0 1710	0 1792	0 4856	0 4677
2 19	0 1808	0 1969	0 1808	0 1969	0 4856	0 4681
2 70	0 1945	0 4025	0 1945	0 4025	0 4856	0 4685
3 19	0 4020	0 4099	0 4020	0 4099	0 4856	0 4689
3 69	0 4158	0 4274	0 4158	0 4274	0 4856	0 4694
4 69	0 4588	0 4573	0 4588	0 4573	0 4856	0 4702
6 72	0 4971	0 5088	0 4963	0 5227	0 4859	0 4719
8 73	0 5585	0 5538	0 5484	0 5746	0 4863	0 4735
10 69	0 5925	0 5913	0 5894	0 6149	0 4867	0 4751
12 70	0 6411	0 6385	0 6373	0 6612	0 4871	0 4768
14 69	0 6627	0 6583	0 6588	0 6818	0 4875	0 4785
16 74	0 7056	0 6971	0 7002	0 7288	0 4879	0 4802
18 74	0 7468	0 7332	0 7488	0 7579	0 4883	0 4818
20 69	0 7679	0 7525	0 7688	0 7778	0 4889	0 4834
23 20	0 8042	0 7848	0 7946	0 8078	0 4902	0 4855
25 71	0 8256	0 8044	0 8279	0 8376	0 4915	0 4876
28 20	0 8752	0 8444	0 8614	0 8672	0 4927	0 4896
30 71	0 9069	0 8707	0 8918	0 8938	0 4948	0 4917
33 22	0 9379	0 8961	0 9156	0 9175	0 4955	0 4938
35 70	0 9701	0 9228	0 9496	0 9429	0 4970	0 4958
38 22	0 9981	0 9388	0 9672	0 9577	0 4985	0 4979
40 75	1 0187	0 9685	0 9932	0 9792	0 5003	0 5000
45 69	1 0489	0 9839	1 0164	0 9982	0 5047	0 5041
50 90	1 0676	0 9982	1 0279	1 0075	0 5092	0 5084
55 71	1 0697	0 9997	1 0244	1 0047	0 5126	0 5124
60 71	1 0700	1 0000	1 0186	1 0000	0 5163	0 5163
70 71	1 0700	1 0006	1 0032	0 9875	0 5262	0 5262
80 74	1 0700	1 0006	0 9803	0 9752	0 5354	0 5354
90 96	1 0712	1 0009	0 9708	0 9687	0 5465	0 5465
102 11	1 0725	1 0019	0 9555	0 9479	0 5569	0 5569
112 11	1 0638	0 9998	0 9356	0 9311	0 5677	0 5677
122 11	1 0700	1 0000	0 9214	0 9198	0 5769	0 5769
132 13	1 0685	0 9989	0 9100	0 9091	0 5831	0 5831
142 17	1 0664	0 9972	0 8983	0 8992	0 5898	0 5898
152 12	1 0649	0 9954	0 8932	0 8949	0 5986	0 5986
162 13	1 0624	0 9942	0 8911	0 8918	0 5988	0 5988
172 13	1 0612	0 9913	0 8865	0 8908	0 5916	0 5916
182 16	1 0591	0 9917	0 8865	0 8898	0 5914	0 5914
192 11	1 0588	0 9924	0 8888	0 8918	0 5986	0 5986

N (REPLICATION) = 1 1

X= 34 MIN TH=294 0 K DEL 995= 52 4 MIN
RE/M= 1 51*10**6 (MEASURED P) RE=0 995 (MEASURED P)

	COAST PN		MEASURED P			
V (MPH)	N	U/SE	N	U/SE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5078	0 4977
0 69	0 2589	0 2659	0 2589	0 2659	0 5078	0 4981
0 89	0 2685	0 2967	0 2685	0 2967	0 5078	0 4982
1 10	0 2796	0 2959	0 2796	0 2959	0 5078	0 4984
1 29	0 2885	0 2967	0 2885	0 2967	0 5078	0 4985
1 49	0 2848	0 3013	0 2848	0 3013	0 5078	0 4986
1 69	0 2848	0 3013	0 2848	0 3013	0 5078	0 4987
2 20	0 3070	0 3243	0 3070	0 3243	0 5078	0 4990
2 69	0 3338	0 3543	0 3338	0 3543	0 5078	0 4995
3 21	0 3220	0 3398	0 3220	0 3398	0 5078	0 4996
3 69	0 3451	0 3637	0 3451	0 3637	0 5078	0 4999
4 70	0 3747	0 3940	0 3747	0 3940	0 5078	0 5005
6 70	0 4302	0 4585	0 4279	0 4625	0 5085	0 5017
8 77	0 4636	0 4981	0 4649	0 5089	0 5091	0 5036
10 69	0 5186	0 5387	0 5116	0 5488	0 5102	0 5041
12 69	0 5622	0 5814	0 5525	0 5983	0 5114	0 5053
14 71	0 6086	0 6185	0 5984	0 6262	0 5126	0 5066
16 77	0 6387	0 6549	0 6242	0 6616	0 5139	0 5078
18 69	0 6715	0 6858	0 6549	0 6917	0 5150	0 5089
20 69	0 7004	0 7127	0 6822	0 7181	0 5160	0 5101
25 78	0 7828	0 7871	0 7624	0 7941	0 5175	0 5132
30 72	0 8547	0 8513	0 8334	0 8594	0 5191	0 5167
35 75	0 9119	0 9004	0 8881	0 9083	0 5211	0 5192
40 69	0 9652	0 9458	0 9388	0 9526	0 5231	0 5222
45 71	1 0071	0 9792	0 9772	0 9854	0 5257	0 5252
50 69	1 0258	0 9942	0 9928	0 9979	0 5282	0 5282
55 71	1 0338	1 0000	0 9945	1 0000	0 5312	0 5312
60 70	1 0330	1 0000	0 9898	0 9960	0 5342	0 5342
70 74	1 0344	1 0011	0 9830	0 9903	0 5393	0 5393
80 79	1 0341	1 0009	0 9714	0 9804	0 5464	0 5464
90 77	1 0333	1 0002	0 9596	0 9704	0 5532	0 5532
100 61	1 0330	1 0000	0 9513	0 9633	0 5582	0 5582
102 11	1 0333	1 0002	0 9502	0 9624	0 5591	0 5591
112 11	1 0342	1 0010	0 9411	0 9545	0 5655	0 5655
122 11	1 0342	1 0010	0 9291	0 9442	0 5721	0 5721
132 14	1 0321	0 9993	0 9183	0 9348	0 5784	0 5784
142 11	1 0318	0 9990	0 9136	0 9307	0 5812	0 5812
147 13	1 0297	0 9974	0 9098	0 9274	0 5822	0 5822
152 11	1 0294	0 9964	0 9059	0 9240	0 5838	0 5838
157 13	1 0269	0 9951	0 9003	0 9198	0 5864	0 5864
162 12	1 0254	0 9939	0 8963	0 9155	0 5878	0 5878
172 16	1 0244	0 9931	0 8953	0 9146	0 5878	0 5878
182 21	1 0223	0 9914	0 8926	0 9122	0 5888	0 5888
192 19	1 0210	0 9904	0 8896	0 9097	0 5898	0 5898
202 81	1 0207	0 9902	0 8867	0 9071	0 5906	0 5906

N (REPLICATION) = 1

X= 57 MIN TH=294 0 K DEL 995= 53 4 MIN
RE/M= 1 51*10**6 (MEASURED P) RE=0 991 (MEASURED P)

	COAST PN		MEASURED P			
V (MPH)	N	U/SE	N	U/SE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5166	0 5169
0 69	0 2552	0 2749	0 2552	0 2749	0 5166	0 5171
0 89	0 2599	0 2796	0 2599	0 2796	0 5166	0 5172
1 09	0 2742	0 2938	0 2742	0 2938	0 5166	0 5173
1 29	0 2812	0 3011	0 2812	0 3011	0 5168	0 5175
1 50	0 2829	0 3029	0 2829	0 3029	0 5168	0 5176
1 69	0 2872	0 3074	0 2872	0 3074	0 5168	0 5177
2 19	0 2944	0 3056	0 2944	0 3050	0 5168	0 5179
2 70	0 3052	0 3264	0 3054	0 3264	0 5168	0 5179
3 20	0 3191	0 3418	0 3191	0 3418	0 5168	0 5181
3 70	0 3256	0 3479	0 3256	0 3479	0 5168	0 5181
4 77	0 3496	0 3728	0 3496	0 3728	0 5168	0 5186
6 69	0 3927	0 4175	0 3915	0 4272	0 5171	0 5186
8 69	0 4482	0 4662	0 4178	0 4759	0 5175	0 5144
10 71	0 4796	0 5063	0 4761	0 5158	0 5179	0 5152
12 72	0 5262	0 5520	0 5219	0 5630	0 5183	0 5160
14 70	0 5581	0 5946	0 5532	0 5948	0 5187	0 5169
16 69	0 5978	0 6225	0 5911	0 6321	0 5191	0 5177
18 79	0 6327	0 6571	0 6262	0 6679	0 5196	0 5185
20 69	0 6682	0 6918	0 6618	0 7021	0 5200	0 5193
25 69	0 7486	0 7662	0 7398	0 7772	0 5215	0 5214
30 72	0 8189	0 8299	0 8068	0 8407	0 5231	0 5235
35 72	0 8843	0 8876	0 8694	0 8976	0 5251	0 5255
40 77	0 9388	0 9341	0 9289	0 9433	0 5270	0 5276
45 75	0 9834	0 9716	0 9682	0 9884	0 5285	0 5296
50 72	1 0079	0 9917	0 9857	0 9991	0 5302	0 5317
55 70	1 0165	0 9988	0 9896	1 0024	0 5312	0 5337
60 71	1 0188	1 0000	0 9867	1 0000	0 5359	0 5356
70 73	1 0192	1 0010	0 9844	0 9988	0 5382	0 5382
80 73	1 0195	1 0012	0 9768	0 9916	0 5431	0 5431
90 70	1 0192	1 0010	0 9701	0 9858	0 5471	0 5471
100 68	1 0189	1 0007	0 9633	0 9808	0 5511	0 5511
102 11	1 0193	1 0011	0 9626	0 9794	0 5519	0 5519
112 15	1 0188	1 0000	0 9536	0 9716	0 5567	0 5567
122 11	1 0183	1 0002	0 9466	0 9656	0 5613	0 5613
132 14	1 0177	0 9997	0 9362	0 9566	0 5674	0 5674
142 19	1 0159	0 9983	0 9298	0 9510	0 5702	0 5702
152 14	1 0134	0 9963	0 9234	0 9454	0 5727	0 5727
162 13	1 0103	0 9937	0 9147	0 9378	0 5768	0 5768
172 15	1 0092	0 9929	0 9120	0 9354	0 5778	0 5778
182 15	1 0088	0 9919	0 9091	0 9329	0 5788	0 5788
192 12	1 0068	0 9909	0 9066	0 9306	0 5798	0 5798
202 10	1 0065	0 9906	0 9052	0 9294	0 5795	0 5795

N (REPLICATION) = 1

X= 81 MIN TH=294 0 K DEL 995= 54 8 MIN
RE/M= 1 50*10**6 (MEASURED P) RE=0 991 (MEASURED P)

	COAST PN		MEASURED P			
V (MPH)	N	U/SE	N	U/SE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5312	0 5254
0 69	0 2585	0 2783	0 2585	0 2783	0 5312	0 5254
0 89	0 2611	0 2811	0 2611	0 2811	0 5312	0 5254
1 09	0 2768	0 2816	0 2768	0 2816	0 5312	0 5255
1 30	0 2788	0 2986	0 2787	0 2986	0 5312	0 5255
1 49	0 2911	0 3086	0 2917	0 3086	0 5312	0 5256
1 69	0 2855	0 3128	0 2857	0 3128	0 5312	0 5256
2 25	0 3041	0 3321	0 3047	0 3321	0 5312	0 5257
2 70	0 3085	0 3368	0 3088	0 3368	0 5312	0 5258
3 25	0 3167	0 3452	0 3167	0 3452	0 5312	0 5260
3 69	0 3287	0 3588	0 3287	0 3588	0 5312	0 5261
4 69	0 3366	0 3664	0 3366	0 3664	0 5312	0 5263
6 72	0 3741	0 4063	0 3741	0 4063	0 5312	0 5268
8 71	0 4019	0 4376	0 4039	0 4376	0 5312	0 5272
10 69	0 4405	0 4759	0 4405	0 4759	0 5312	0 5277
12 69	0 4768	0 5126	0 4768	0 5126	0 5312	0 5282
14 74	0 5158	0 5533	0 5158	0 5533	0 5312	0 5286
16 78	0 5515	0 5895	0 5515	0 5895	0 5312	0 5291
18 69	0 5825	0 6206	0 5825	0 6206	0 5312	0 5296
20 69	0 6209	0 6586	0 6265	0 6657	0 5313	0 5300
25 75	0 6989	0 7344	0 6964	0 7401	0 5323	0 5312
30 71	0 7729	0 8043	0 7688	0 8094	0 5333	0 5323
35 73	0 8393	0 8651	0 8336	0 8696	0 5343	0 5335
40 69	0 8998	0 9198	0 8927	0 9238	0 5353	0 5347
45 72	0 9485	0 9613	0 9488	0 9635	0 5358	0 5356
50 74	0 9798	0 9872	0 9783	0 9889	0 5364	0 5370
55 88	0 9924	0 9967	0 9815	1 0005	0 5388	0 5382
60 71	0 9946	1 0000	0 9888	1 0000	0 5393	0 5393
71 81	0 9971	1 0026	0 9986	0 9998	0 5414	0 5414
80 78	0 9962	1 0018	0 9765	0 9963	0 5434	0 5434
90 73	0 9962	1 0018	0 9718	0 9923	0 5463	0 5463
100 63	0 9962	1 0018	0 9686	0 9895	0 5484	0 5484
102 11	0 9951	1 0009	0 9667	0 9879	0 5486	0 5486
112 11	0 9968	1 0017	0 9632	0 9848	0 5516	0 5516
122 11	0 9958	1 0008	0 9583	0 9806	0 5540	0 5540
142 11	0 9934	0 9995	0 9450	0 9691	0 5614	0 5614
147 14	0 9925	0 9987	0 9432	0 9676	0 5619	0 5619
152 16	0 9883	0 9952	0 9378	0 9628	0 5626	0 5626
162 13	0 9877	0 9947	0 9348	0 9595	0 5646	0 5646
172 43	0 9870	0 9941	0 9304	0 9563	0 5664	0 5664
182 28	0 9852	0 9925	0 9265	0 9529	0 5676	0 5676
192 15	0 9848	0 9915	0 9224	0 9493	0 5694	0 5694
202 85	0 9826	0 9905	0 9274	0 9537	0 5655	0 5652

M (NOMINAL = 1)

X= 284 MM TB=294 0 K DEL 995= 56 0 MM
RE/M= 3 49x10^6 (MEASURED P) ME=0 974 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5416	0 54
0 69	0 3897	0 3416	0 3897	0 3416	0 5416	0 54
0 90	0 3167	0 3512	0 3167	0 3512	0 5416	0 54
1 09	0 3228	0 3578	0 3228	0 3578	0 5416	0 54
1 30	0 3297	0 3651	0 3297	0 3651	0 5416	0 54
1 50	0 3374	0 3736	0 3374	0 3736	0 5416	0 54
1 70	0 3396	0 3760	0 3396	0 3760	0 5416	0 54
2 41	0 3587	0 3980	0 3587	0 3980	0 5416	0 54
2 70	0 3593	0 3973	0 3593	0 3973	0 5416	0 54
3 19	0 3638	0 4013	0 3638	0 4013	0 5416	0 54
3 87	0 3722	0 4111	0 3722	0 4111	0 5416	0 54
4 74	0 3780	0 4174	0 3780	0 4174	0 5416	0 54
6 69	0 3996	0 4406	0 3996	0 4406	0 5416	0 54
8 69	0 4287	0 4714	0 4287	0 4714	0 5416	0 54
10 78	0 4459	0 4897	0 4459	0 4897	0 5416	0 54
12 78	0 4794	0 5249	0 4794	0 5249	0 5416	0 54
14 77	0 5182	0 5578	0 5182	0 5578	0 5416	0 54
16 78	0 5358	0 5827	0 5358	0 5827	0 5416	0 54
18 74	0 5635	0 6119	0 5635	0 6119	0 5416	0 54
20 75	0 5989	0 6479	0 5989	0 6479	0 5416	0 54
25 69	0 6711	0 7198	0 6711	0 7198	0 5416	0 54
30 69	0 7439	0 7985	0 7439	0 7985	0 5416	0 54
35 71	0 8078	0 8588	0 8078	0 8588	0 5416	0 54
40 71	0 8715	0 9894	0 8715	0 9894	0 5416	0 54
45 70	0 9210	0 9537	0 9210	0 9537	0 5416	0 54
50 71	0 9532	0 9819	0 9532	0 9819	0 5416	0 54
55 77	0 9782	0 9967	0 9782	0 9967	0 5416	0 54
60 75	0 9748	1 0000	0 9748	1 0000	0 5416	0 54
70 78	0 9765	1 0022	0 9765	1 0022	0 5416	0 54
80 75	0 9761	1 0018	0 9761	1 0018	0 5416	0 54
90 78	0 9749	1 0008	0 9749	1 0008	0 5416	0 54
100 64	0 9749	1 0008	0 9749	1 0008	0 5416	0 54
106 11	0 9765	1 0022	0 9765	1 0022	0 5416	0 54
112 20	0 9749	1 0008	0 9749	1 0008	0 5416	0 54
120 17	0 9762	1 0019	0 9759	1 0016	0 5418	0 54
132 11	0 9751	1 0011	0 9733	0 9994	0 5446	0 54
142 11	0 9740	1 0000	0 9698	0 9963	0 5462	0 54
147 12	0 9727	0 9989	0 9661	0 9932	0 5477	0 54
152 11	0 9706	0 9967	0 9618	0 9894	0 5486	0 54
162 15	0 9674	0 9940	0 9567	0 9850	0 5502	0 55
172 12	0 9667	0 9933	0 9515	0 9805	0 5528	0 55
182 17	0 9647	0 9920	0 9479	0 9774	0 5540	0 55
192 12	0 9625	0 9909	0 9436	0 9737	0 5558	0 55
202 06	0 9621	0 9897	0 9414	0 9717	0 5564	0 55

M (NOMINAL = 1)

X= 382 MM TB=293 8 K DEL 995= 57 4 MM
RE/M= 3 50x10^6 (MEASURED P) ME=0 963 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5516	0 5516
0 69	0 3277	0 3666	0 3277	0 3666	0 5516	0 5516
0 91	0 3456	0 3862	0 3456	0 3862	0 5516	0 5516
1 09	0 3514	0 3925	0 3514	0 3925	0 5516	0 5516
1 30	0 3481	0 3889	0 3481	0 3889	0 5516	0 5516
1 50	0 3566	0 3981	0 3566	0 3981	0 5516	0 5516
1 70	0 3677	0 4102	0 3677	0 4102	0 5516	0 5516
2 20	0 3778	0 4212	0 3778	0 4212	0 5516	0 5516
2 70	0 3869	0 4311	0 3869	0 4311	0 5516	0 5516
3 22	0 3918	0 4364	0 3918	0 4364	0 5516	0 5516
3 72	0 4052	0 4509	0 4052	0 4509	0 5516	0 5516
4 69	0 4085	0 4543	0 4085	0 4543	0 5516	0 5516
6 78	0 4311	0 4788	0 4311	0 4788	0 5516	0 5516
8 69	0 4487	0 4974	0 4487	0 4974	0 5516	0 5516
10 69	0 4730	0 5232	0 4730	0 5232	0 5516	0 5516
12 69	0 4923	0 5436	0 4923	0 5436	0 5516	0 5516
14 71	0 5138	0 5661	0 5138	0 5661	0 5516	0 5516
16 75	0 5365	0 5898	0 5365	0 5898	0 5516	0 5516
18 78	0 5658	0 6201	0 5658	0 6201	0 5516	0 5516
20 78	0 5922	0 6473	0 5922	0 6473	0 5516	0 5516
25 73	0 6611	0 7168	0 6611	0 7168	0 5516	0 5516
30 96	0 7253	0 7881	0 7253	0 7881	0 5516	0 5516
35 78	0 7910	0 8431	0 7910	0 8431	0 5516	0 5516
40 71	0 8520	0 9881	0 8520	0 9881	0 5516	0 5516
45 72	0 9029	0 9465	0 9029	0 9466	0 5516	0 5516
50 96	0 9404	0 9881	0 9404	0 9881	0 5516	0 5516
55 71	0 9572	0 9949	0 9572	0 9949	0 5516	0 5516
60 75	0 9630	1 0000	0 9630	1 0000	0 5516	0 5516
70 73	0 9623	0 9994	0 9623	0 9994	0 5516	0 5516
80 69	0 9625	0 9996	0 9625	0 9996	0 5516	0 5516
90 74	0 9625	0 9996	0 9625	0 9996	0 5516	0 5516
100 62	0 9625	0 9996	0 9625	0 9996	0 5516	0 5516
102 11	0 9643	1 0011	0 9643	1 0011	0 5516	0 5516
112 11	0 9626	0 9997	0 9626	0 9997	0 5516	0 5516
122 12	0 9643	1 0011	0 9643	1 0011	0 5516	0 5516
132 11	0 9614	0 9986	0 9614	0 9986	0 5516	0 5516
142 13	0 9599	0 9973	0 9599	0 9973	0 5516	0 5516
152 11	0 9613	0 9985	0 9613	0 9985	0 5516	0 5516
162 17	0 9566	0 9944	0 9566	0 9944	0 5516	0 5516
172 15	0 9520	0 9904	0 9520	0 9904	0 5516	0 5516
182 11	0 9586	0 9891	0 9586	0 9891	0 5516	0 5516
192 16	0 9586	0 9891	0 9586	0 9891	0 5516	0 5516
202 04	0 9486	0 9873	0 9486	0 9873	0 5516	0 5516

M (NOMINAL = 1)

X= 500 MM TB=293 7 K DEL 995= 63 8 MM
RE/M= 3 49x10^6 (MEASURED P) ME=0 955 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5572	0 5572
0 69	0 3698	0 4154	0 3698	0 4154	0 5572	0 5572
0 90	0 3846	0 4315	0 3846	0 4315	0 5572	0 5572
1 09	0 3945	0 4424	0 3945	0 4424	0 5572	0 5572
1 30	0 4064	0 4552	0 4064	0 4552	0 5572	0 5572
1 49	0 4116	0 4609	0 4116	0 4609	0 5572	0 5572
1 69	0 4203	0 4703	0 4203	0 4703	0 5572	0 5572
2 20	0 4334	0 4844	0 4334	0 4844	0 5572	0 5572
2 75	0 4457	0 4977	0 4457	0 4977	0 5572	0 5572
3 19	0 4467	0 4988	0 4467	0 4988	0 5572	0 5572
3 70	0 4559	0 5086	0 4559	0 5086	0 5572	0 5572
4 72	0 4677	0 5212	0 4677	0 5212	0 5572	0 5572
6 72	0 4778	0 5328	0 4778	0 5328	0 5572	0 5572
8 71	0 5024	0 5582	0 5024	0 5582	0 5572	0 5572
10 69	0 5142	0 5786	0 5142	0 5786	0 5572	0 5572
12 71	0 5334	0 5987	0 5334	0 5987	0 5572	0 5572
14 78	0 5520	0 6182	0 5520	0 6182	0 5572	0 5572
16 69	0 5781	0 6372	0 5781	0 6372	0 5572	0 5572
18 71	0 5919	0 6515	0 5919	0 6515	0 5572	0 5572
20 71	0 6081	0 6682	0 6081	0 6682	0 5572	0 5572
25 81	0 6626	0 7233	0 6626	0 7233	0 5572	0 5572
30 73	0 7175	0 7779	0 7175	0 7779	0 5572	0 5572
35 71	0 7752	0 8339	0 7752	0 8339	0 5572	0 5572
40 69	0 8246	0 8818	0 8246	0 8818	0 5572	0 5572
45 69	0 8754	0 9281	0 8754	0 9281	0 5572	0 5572
50 70	0 9123	0 9618	0 9123	0 9618	0 5572	0 5572
55 69	0 9378	0 9841	0 9378	0 9847	0 5572	0 5572
60 78	0 9496	0 9956	0 9496	0 9952	0 5572	0 5572
70 73	0 9558	1 0000	0 9558	1 0000	0 5572	0 5572
80 72	0 9556	1 0000	0 9556	1 0000	0 5572	0 5572
90 71	0 9561	1 0005	0 9561	1 0005	0 5572	0 5572
100 67	0 9563	1 0012	0 9563	1 0012	0 5572	0 5572
102 11	0 9522	0 9975	0 9522	0 9975	0 5572	0 5572
112 11	0 9535	0 9987	0 9535	0 9986	0 5572	0 5572
122 13	0 9522	0 9975	0 9522	0 9975	0 5572	0 5572
132 15	0 9538	0 9989	0 9538	0 9989	0 5572	0 5572
142 11	0 9522	0 9975	0 9522	0 9975	0 5572	0 5572
147 11	0 9487	0 9944	0 9487	0 9944	0 5572	0 5572
152 12	0 9474	0 9932	0 9474	0 9932	0 5572	0 5572
162 12	0 9456	0 9917	0 9456	0 9917	0 5572	0 5572
172 15	0 9446	0 9908	0 9446	0 9908	0 5572	0 5572
182 14	0 9431	0 9894	0 9431	0 9894	0 5572	0 5572
192 11	0 9432	0 9895	0 9432	0 9895	0 5572	0 5572
202 09	0 9432	0 9895	0 9432	0 9895	0 5572	0 5572

M (NOMINAL = 1)

X= 789 MM TB=291 7 K DEL 995= 67 9 MM
RE/M= 3 47x10^6 (MEASURED P) ME=0 937 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5683	0 5683
0 69	0 3981	0 4536	0 3981	0 4536	0 5683	0 5683
0 89	0 4185	0 4672	0 4185	0 4672	0 5683	0 5683
1 10	0 4222	0 4681	0 4222	0 4681	0 5683	0 5683
1 30	0 4342	0 4932	0 4342	0 4932	0 5683	0 5683
1 50	0 4385	0 4979	0 4385	0 4979	0 5683	0 5683
1 69	0 4525	0 5132	0 4525	0 5132	0 5683	0 5683
1 89	0 4632	0 5248	0 4632	0 5248	0 5683	0 5683
2 09	0 4671	0 5291	0 4671	0 5291	0 5683	0 5683
2 32	0 4819	0 5451	0 4819	0 5451	0 5683	0 5683
2 69	0 4869	0 5505	0 4869	0 5505	0 5683	0 5683
4 77	0 5051	0 5703	0 5051	0 5703	0 5683	0 5683
6 69	0 5255	0 5919	0 5255	0 5919	0 5683	0 5683
8 78	0 5794	0 6868	0 5794	0 6868	0 5683	0 5683
10 69	0 5501	0 6181	0 5501	0 6181	0 5683	0 5683
12 82	0 5962	0 6252	0 5662	0 6252	0 5683	0 5683
14 72	0 5918	0 6515	0 5918	0 6515	0 5683	0 5683
16 78	0 5949	0 6652	0 5949	0 6652	0 5683	0 5683
18 75	0 6877	0 6786	0 6877	0 6786	0 5683	0 5683
20 72	0 6241	0 6968	0 6251	0 6968	0 5683	0 5683
25 78	0 6618	0 7335	0 6618	0 7335	0 5683	0 5683
30 78	0 7647	0 7777	0 7647	0 7777	0 5683	0 5683
35 77	0 7478	0 8198	0 7478	0 8198	0 5683	0 5683
40 84	0 7977	0 8597	0 7977	0 8597	0 5683	0 5683
45 74	0 8 12	0 9016	0 8112	0 9016	0 5683	0 5683
50 74	0 8678	0 9361	0 8678	0 9361	0 5683	0 5683
55 69	0 8994	0 9656	0 8994	0 9656	0 5683	0 5683
60 78	0 9214	0 9858	0 9214	0 9858	0 5683	0 5683
70 7	0 9368	0 9991	0 9368	0 9991	0 5683	0 5683
80 76	0 9378	1 0000	0 9378	1 0000	0 5683	0 5683
90 72	0 9377	1 0006	0 9377	1 0006	0 5683	0 5683
100 64	0 9368	0 9991	0 9368	0 9991	0 5683	0 5683
102 11	0 9371	1 0001	0 9371	1 0001	0 5683	0 5683
112 11	0 9348	0 9980	0 9348	0 9980	0 5683	0 5683
122 14	0 9351	0 9983	0 9351	0 9983	0 5683	0 5683
132 12	0 9337	0 9970	0 9337	0 9970	0 5683	0 5683
142 26	0 9338	0 9963	0 9338	0 9963	0 5683	0 5683
152 16	0 9386	0 9942	0 9386	0 9942	0 5683	0 5683
162 12	0 9387	0 9943	0 9387	0 9943	0 5683	0 5683
172 15	0 9278	0 9916	0 9278	0 9916	0 5683	0 5683
182 12	0 9241	0 9884	0 9241	0 9884	0 5683	0 5683
192 14	0 9245	0 9886	0 9245	0 9886	0 5683	0 5683
202 06	0 9215	0 9859	0 9215	0 9859	0 5683	0 5683

M NOMINAL = 3

X= 1085 MM T0=292 6 K DEL 995= 78 4 MM
RE/M= 3 47*10^6 (MEASURED P) ME=0 923 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5757	0 5757
0 69	0 4183	0 4819	0 4183	0 4819	0 5757	0 5757
0 90	0 4325	0 4977	0 4325	0 4977	0 5757	0 5757
1 09	0 4465	0 5133	0 4465	0 5133	0 5757	0 5757
1 29	0 4558	0 5234	0 4558	0 5234	0 5757	0 5757
1 51	0 4648	0 5334	0 4648	0 5334	0 5757	0 5757
1 78	0 4789	0 5481	0 4789	0 5481	0 5757	0 5757
2 19	0 4835	0 5539	0 4835	0 5539	0 5757	0 5757
2 78	0 4999	0 5718	0 4999	0 5718	0 5757	0 5757
3 19	0 5062	0 5786	0 5062	0 5786	0 5757	0 5757
3 77	0 5121	0 5851	0 5121	0 5851	0 5757	0 5757
4 72	0 5285	0 6028	0 5285	0 6028	0 5757	0 5757
6 69	0 5487	0 6246	0 5487	0 6246	0 5757	0 5757
8 69	0 5620	0 6389	0 5620	0 6389	0 5757	0 5757
10 70	0 5760	0 6537	0 5760	0 6537	0 5757	0 5757
12 69	0 5890	0 6675	0 5890	0 6675	0 5757	0 5757
14 69	0 6023	0 6817	0 6023	0 6817	0 5757	0 5757
16 71	0 6143	0 6942	0 6143	0 6942	0 5757	0 5757
18 69	0 6251	0 7057	0 6251	0 7057	0 5757	0 5757
20 75	0 6395	0 7207	0 6395	0 7207	0 5757	0 5757
25 72	0 6684	0 7506	0 6684	0 7506	0 5757	0 5757
30 70	0 7005	0 7835	0 7005	0 7835	0 5757	0 5757
35 69	0 7334	0 8168	0 7334	0 8168	0 5757	0 5757
40 69	0 7695	0 8528	0 7695	0 8528	0 5757	0 5757
45 70	0 8006	0 8836	0 8006	0 8836	0 5757	0 5757
50 70	0 8330	0 9149	0 8330	0 9149	0 5757	0 5757
55 71	0 8616	0 9424	0 8616	0 9424	0 5757	0 5757
60 69	0 8821	0 9616	0 8821	0 9616	0 5757	0 5757
70 70	0 9122	0 9900	0 9122	0 9900	0 5757	0 5757
80 70	0 9214	0 9985	0 9214	0 9985	0 5757	0 5757
90 70	0 9238	1 0000	0 9238	1 0000	0 5757	0 5757
100 62	0 9240	1 0009	0 9240	1 0009	0 5757	0 5757
102 11	0 9255	1 0023	0 9255	1 0023	0 5757	0 5757
122 15	0 9245	1 0014	0 9245	1 0014	0 5757	0 5757
132 12	0 9202	0 9974	0 9202	0 9974	0 5757	0 5757
142 11	0 9241	1 0010	0 9241	1 0010	0 5757	0 5757
152 12	0 9199	0 9971	0 9199	0 9971	0 5757	0 5757
157 12	0 9172	0 9947	0 9172	0 9947	0 5757	0 5757
162 11	0 9146	0 9922	0 9146	0 9922	0 5757	0 5757
172 12	0 9122	0 9900	0 9122	0 9900	0 5757	0 5757
182 12	0 9118	0 9896	0 9118	0 9896	0 5757	0 5757
192 12	0 9107	0 9886	0 9107	0 9886	0 5757	0 5757
202 04	0 9108	0 9887	0 9108	0 9887	0 5757	0 5757

M NOMINAL = 3

X= 1?2? MM T0=29? 5 K DEL 995= 85 0 MM
RE/M= 3 44*10^6 (MEASURED P) ME=0 914 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5817	0 5817
0 66	0 4250	0 4935	0 4250	0 4935	0 5817	0 5817
0 86	0 4335	0 5030	0 4335	0 5030	0 5817	0 5817
1 06	0 4438	0 5146	0 4438	0 5146	0 5817	0 5817
1 26	0 4595	0 5326	0 4595	0 5326	0 5817	0 5817
1 46	0 4675	0 5409	0 4675	0 5409	0 5817	0 5817
1 66	0 4776	0 5520	0 4776	0 5520	0 5817	0 5817
2 17	0 4886	0 5642	0 4886	0 5642	0 5817	0 5817
2 56	0 5075	0 5849	0 5075	0 5849	0 5817	0 5817
3 16	0 5145	0 5926	0 5145	0 5926	0 5817	0 5817
3 66	0 5217	0 6005	0 5217	0 6005	0 5817	0 5817
4 17	0 5268	0 6061	0 5268	0 6061	0 5817	0 5817
4 56	0 5384	0 6187	0 5384	0 6187	0 5817	0 5817
6 56	0 5546	0 6363	0 5546	0 6363	0 5817	0 5817
8 56	0 5744	0 6575	0 5744	0 6575	0 5817	0 5817
10 66	0 5814	0 6651	0 5814	0 6651	0 5817	0 5817
12 56	0 6028	0 6879	0 6028	0 6879	0 5817	0 5817
14 66	0 6136	0 6994	0 6136	0 6994	0 5817	0 5817
16 66	0 6282	0 7064	0 6282	0 7064	0 5817	0 5817
18 66	0 6358	0 7228	0 6358	0 7228	0 5817	0 5817
20 66	0 6386	0 7268	0 6386	0 7268	0 5817	0 5817
25 67	0 6656	0 7540	0 6656	0 7540	0 5817	0 5817
30 66	0 6944	0 7838	0 6944	0 7838	0 5817	0 5817
35 67	0 7227	0 8128	0 7227	0 8128	0 5817	0 5817
40 66	0 7532	0 8438	0 7532	0 8438	0 5817	0 5817
45 66	0 7813	0 8718	0 7813	0 8718	0 5817	0 5817
50 67	0 8100	0 9005	0 8106	0 9005	0 5817	0 5817
55 66	0 8338	0 9226	0 8338	0 9226	0 5817	0 5817
60 67	0 8562	0 9451	0 8562	0 9451	0 5817	0 5817
70 67	0 8901	0 9775	0 8901	0 9775	0 5817	0 5817
80 66	0 9062	0 9932	0 9062	0 9932	0 5817	0 5817
90 66	0 9134	0 9994	0 9134	0 9994	0 5817	0 5817
101 4	0 9140	1 0000	0 9140	1 0000	0 5817	0 5817
111 4	0 9108	0 9966	0 9108	0 9966	0 5817	0 5817
121 4	0 912?	0 9984	0 912?	0 9984	0 5817	0 5817
131 4	0 9117	0 9976	0 9117	0 9976	0 5817	0 5817
141 4	0 9101	0 9961	0 9101	0 9961	0 5817	0 5817
151 4	0 910?	0 9965	0 910?	0 9965	0 5817	0 5817
161 4	0 9051	0 9??	0 9051	0 9??	0 5817	0 5817
171 4	0 9021	0 9882	0 9021	0 9882	0 5817	0 5817
181 4	0 9000	0 9866	0 9000	0 9866	0 5817	0 5817
191 4	0 901	0 9880	0 901	0 9880	0 5817	0 5817

M NOMINAL = 3

X= 1811 MM T0=29? ? K DEL 995= 95 ? MM
RE/M= ? 41*10^6 (MEASURED P) ME=0 899 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5986	0 5986
0 66	0 4419	0 5197	0 4419	0 5197	0 5986	0 5986
0 76	0 4455	0 5238	0 4455	0 5238	0 5986	0 5986
0 87	0 4522	0 5314	0 4522	0 5314	0 5986	0 5986
1 07	0 4667	0 5477	0 4667	0 5477	0 5986	0 5986
1 26	0 4729	0 5556	0 4729	0 5556	0 5986	0 5986
1 47	0 4791	0 5616	0 4791	0 5616	0 5986	0 5986
1 67	0 4884	0 5721	0 4884	0 5721	0 5986	0 5986
2 16	0 5072	0 5938	0 5072	0 5938	0 5986	0 5986
2 66	0 5186	0 6057	0 5186	0 6057	0 5986	0 5986
3 21	0 5338	0 6225	0 5338	0 6225	0 5986	0 5986
3 76	0 5416	0 6316	0 5416	0 6316	0 5986	0 5986
4 37	0 5632	0 6548	0 5632	0 6548	0 5986	0 5986
5 56	0 5817	0 6749	0 5817	0 6749	0 5986	0 5986
7 71	0 5957	0 6901	0 5957	0 6901	0 5986	0 5986
10 66	0 6026	0 6996	0 6026	0 6996	0 5986	0 5986
12 67	0 6159	0 7119	0 6159	0 7119	0 5986	0 5986
14 67	0 6281	0 7258	0 6281	0 7258	0 5986	0 5986
16 67	0 6358	0 7323	0 6358	0 7323	0 5986	0 5986
18 67	0 6417	0 7412	0 6417	0 7412	0 5986	0 5986
20 66	0 6517	0 7581	0 6517	0 7581	0 5986	0 5986
25 11	0 6746	0 7743	0 6746	0 7743	0 5986	0 5986
30 66	0 6923	0 7929	0 6923	0 7929	0 5986	0 5986
35 66	0 7157	0 8166	0 7157	0 8166	0 5986	0 5986
40 70	0 7381	0 8407	0 7381	0 8407	0 5986	0 5986
45 66	0 7607	0 8614	0 7607	0 8614	0 5986	0 5986
50 6?	0 7??	0 881?	0 7??	0 881?	0 5986	0 5986
55 67	0 7976	0 9006	0 7976	0 9006	0 5986	0 5986
60 66	0 8172	0 9207	0 8172	0 9207	0 5986	0 5986
70 67	0 8571	0 9555	0 8571	0 9555	0 5986	0 5986
80 67	0 8772	0 9760	0 8772	0 9760	0 5986	0 5986
90 62	0 8920	0 9955	0 8920	0 9955	0 5986	0 5986
101 4	0 9005	1 0015	0 9005	1 0015	0 5986	0 5986
111 54	0 8990	1 0000	0 8990	1 0000	0 5986	0 5986
121 43	0 8989	0 9999	0 8989	0 9999	0 5986	0 5986
131 43	0 8966	0 9977	0 8966	0 9977	0 5986	0 5986
141 47	0 8976	0 9988	0 8976	0 9988	0 5986	0 5986
151 ??	0 897?	0 9984	0 897?	0 9984	0 5986	0 5986
161 44	0 8950	0 9961	0 8950	0 9961	0 5986	0 5986
171 44	0 8876	0 9912	0 8876	0 9912	0 5986	0 5986
181 44	0 8881	0 9876	0 8881	0 9876	0 5986	0 5986
191 44	0 8871	0 9869	0 8871	0 9869	0 5986	0 5986
201 4	0 8814	0 9840	0 8814	0 9840	0 5986	0 5986

M NOMINAL = 3

X= ?00 MM T0=2?? ? K DEL 995=103 6 MM
RE/M= ? ??*10^6 (MEASURED P) ME=0 880 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 6000	0 6000
0 66	0 4437	0 5318	0 4437	0 5318	0 6000	0 6000
0 86	0 4530	0 5422	0 4530	0 5422	0 6000	0 6000
1 06	0 4564	0 5460	0 4564	0 5460	0 6000	0 6000
1 27	0 4704	0 5621	0 4704	0 5621	0 6000	0 6000
1 46	0 4777	0 5704	0 4777	0 5704	0 6000	0 6000
1 67	0 4971	0 5871	0 4971	0 5871	0 6000	0 6000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1 5

X= 2789 MM T0=293 7 K DEL 995=115 0 MM
RE/M= 5 05*10^6 (MEASURED P) ME=0 869 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6006	0 6006
0 66	0 4522	0 5239	0 4522	0 5239	0 6006	0 6006
0 86	0 4462	0 5401	0 4462	0 5401	0 6006	0 6006
1 06	0 4580	0 5540	0 4580	0 5540	0 6006	0 6006
1 26	0 4672	0 5646	0 4672	0 5646	0 6006	0 6006
1 47	0 4786	0 5777	0 4786	0 5777	0 6006	0 6006
1 67	0 4895	0 5904	0 4895	0 5904	0 6006	0 6006
2 21	0 5652	0 6861	0 5652	0 6861	0 6006	0 6006
2 86	0 5134	0 6178	0 5134	0 6178	0 6006	0 6006
3 17	0 5275	0 6338	0 5275	0 6338	0 6006	0 6006
3 78	0 5387	0 6466	0 5387	0 6466	0 6006	0 6006
4 66	0 5548	0 6648	0 5548	0 6648	0 6006	0 6006
6 66	0 5747	0 6871	0 5747	0 6871	0 6006	0 6006
8 67	0 5945	0 7093	0 5945	0 7093	0 6006	0 6006
10 66	0 6081	0 7245	0 6081	0 7245	0 6006	0 6006
12 66	0 6147	0 7319	0 6147	0 7319	0 6006	0 6006
14 67	0 6234	0 7414	0 6234	0 7414	0 6006	0 6006
16 66	0 6279	0 7463	0 6279	0 7463	0 6006	0 6006
18 66	0 6405	0 7602	0 6405	0 7602	0 6006	0 6006
20 70	0 6454	0 7656	0 6454	0 7656	0 6006	0 6006
25 71	0 6622	0 7859	0 6622	0 7859	0 6006	0 6006
30 66	0 6881	0 8031	0 6881	0 8031	0 6006	0 6006
35 67	0 6923	0 8165	0 6923	0 8165	0 6006	0 6006
40 66	0 7087	0 8348	0 7087	0 8348	0 6006	0 6006
45 66	0 7225	0 8488	0 7225	0 8488	0 6006	0 6006
50 76	0 7387	0 8668	0 7387	0 8668	0 6006	0 6006
55 75	0 7522	0 8882	0 7522	0 8882	0 6006	0 6006
60 66	0 7662	0 8949	0 7662	0 8949	0 6006	0 6006
70 75	0 7923	0 9221	0 7923	0 9221	0 6006	0 6006
80 71	0 8173	0 9477	0 8173	0 9477	0 6006	0 6006
90 66	0 8333	0 9640	0 8335	0 9640	0 6006	0 6006
101 43	0 8547	0 9857	0 8547	0 9857	0 6006	0 6006
111 43	0 8645	0 9955	0 8645	0 9955	0 6006	0 6006
121 47	0 8676	0 9986	0 8676	0 9986	0 6006	0 6006
131 43	0 8698	1 0000	0 8698	1 0000	0 6006	0 6006
141 43	0 8687	0 9997	0 8687	0 9997	0 6006	0 6006
151 47	0 8676	0 9986	0 8676	0 9986	0 6006	0 6006
156 52	0 8642	0 9952	0 8642	0 9952	0 6006	0 6006
161 43	0 8649	0 9959	0 8649	0 9959	0 6006	0 6006
171 52	0 8632	0 9942	0 8632	0 9942	0 6006	0 6006
181 48	0 8618	0 9928	0 8618	0 9928	0 6006	0 6006
191 43	0 8576	0 9886	0 8576	0 9886	0 6006	0 6006

M (NOMINAL) = 1.5

X=-608 MM   T0=299.? K   DEL 995= 33.4 MM
RE/M=10.14*10^6 (MEASURED P)   ME=1.366 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3686	0.3686
0.69	0.6991	0.5937	0.6991	0.5937	0.3686	0.3686
0.89	0.7173	0.6078	0.7173	0.6078	0.3686	0.3686
1.10	0.7448	0.6287	0.7448	0.6287	0.3686	0.3686
1.29	0.7657	0.6443	0.7657	0.6443	0.3686	0.3686
1.49	0.7845	0.6587	0.7845	0.6587	0.3686	0.3686
1.69	0.8017	0.6712	0.8017	0.6712	0.3686	0.3686
2.19	0.8345	0.6956	0.8345	0.6956	0.3686	0.3686
2.69	0.8637	0.7169	0.8637	0.7169	0.3686	0.3686
3.39	0.8838	0.7387	0.8838	0.7387	0.3686	0.3686
3.79	0.8992	0.7423	0.8992	0.7423	0.3686	0.3686
4.59	0.9380	0.7641	0.9380	0.7641	0.3686	0.3686
[illegible]	0.9745	0.7949	0.9745	0.7949	0.3686	0.3686
8.[illegible]	1.0135	0.8254	1.0135	0.8254	[illegible]	[illegible]
10.[illegible]	1.0531	0.8477	1.0531	0.8477	[illegible]	[illegible]
12.[illegible]	1.0872	0.8700	1.0872	0.8700	[illegible]	[illegible]
14.[illegible]	1.1180	0.8898	1.1180	0.8898	[illegible]	[illegible]
16.[illegible]	1.1479	0.9000	1.1479	0.9000	[illegible]	[illegible]
18.[illegible]	1.1734	0.9245	1.1734	0.9245	[illegible]	[illegible]
20.[illegible]	1.19[illegible]	0.9400	1.19[illegible]	0.9400	[illegible]	[illegible]
[illegible]	1.2[illegible]	0.9598	1.2[illegible]	0.9598	[illegible]	[illegible]
25.[illegible]	1.2545	[illegible]	1.2545	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.2964	[illegible]	1.2964	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.0000	[illegible]	1.0000	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	1.3014	1.0006	[illegible]	[illegible]
141.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.5	1.3026	1.0015	1.3026	1.0015	0.3686	0.3686

M (NOMINAL) = 1.5

X=-511 MM   T0=299.5 K   DEL 995= 24.6 MM
RE/M=10.13*10^6 (MEASURED P)   ME=1.282 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3695	0.3695
[illegible]	0.6751	0.5811	0.6751	0.5811	0.3695	0.3695
[illegible]	[illegible]	0.5972	[illegible]	0.5972	0.3695	0.3695
1.[illegible]	[illegible]	0.6185	[illegible]	0.6185	0.3695	0.3695
1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3695	0.3695
1.[illegible]	[illegible]	0.6485	[illegible]	0.6485	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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141.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.[illegible]	1.27[illegible]	0.9964	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL) = 1.5

X=-411 MM   T0=299.4 K   DEL 995= 25.6 MM
RE/M=10.19*10^6 (MEASURED P)   ME=1.267 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
0.63	0.6640	0.5775	0.6640	0.5775	[illegible]	[illegible]
0.89	0.6800	0.5906	0.6800	0.5906	[illegible]	[illegible]
1.0[illegible]	0.7015	0.6072	0.7015	0.6072	[illegible]	[illegible]
1.29	0.7259	0.626[illegible]	0.7259	0.626[illegible]	[illegible]	[illegible]
1.51	0.7449	0.6411	0.7449	0.6411	[illegible]	[illegible]
1.7[illegible]	0.7517	0.6464	0.7517	0.6464	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.6915	[illegible]	0.6915	[illegible]	[illegible]
[illegible]	[illegible]	0.7065	[illegible]	0.7065	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
131.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.[illegible]	1.2651	0.9969	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL) = 1.5

X=-314 MM   T0=299.0 K   DEL 995= 26.3 MM
RE/M=10.17*10^6 (MEASURED P)   ME=1.266 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
0.69	0.6630	0.5817	0.6630	[illegible]	[illegible]	[illegible]
0.89	0.6885	0.5972	0.6885	[illegible]	[illegible]	[illegible]
1.10	0.7110	0.6150	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.6564	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.7874	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.0000	[illegible]	1.0000	[illegible]	[illegible]
141.[illegible]	1.3651	0.9995	1.3651	0.9995	[illegible]	[illegible]
151.[illegible]	1.3665	1.0003	1.3665	1.0003	[illegible]	[illegible]
[illegible]	1.3647	0.9992	1.3647	0.9992	[illegible]	[illegible]

M (NOMINAL)= 1 3

X=-215 MM T0=298 2 K DEL 995= 16 4 MM
RE/M=10 21*10^6 (MEASURED P) ME=1 272 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3745	0 3745
0 69	0 6794	0 5879	0 6794	0 5879	0 3745	0 3745
0 89	0 6978	0 6025	0 6978	0 6025	0 3745	0 3745
1 12	0 7258	0 6244	0 7258	0 6244	0 3745	0 3745
1 29	0 7422	0 6371	0 7422	0 6371	0 3745	0 3745
1 49	0 7607	0 6515	0 7607	0 6515	0 3745	0 3745
1 69	0 7738	0 6614	0 7738	0 6614	0 3745	0 3745
2 19	0 8041	0 6845	0 8041	0 6845	0 3745	0 3745
2 69	0 8298	0 7038	0 8298	0 7038	0 3745	0 3745
3 19	0 8451	0 7158	0 8451	0 7158	0 3745	0 3745
3 69	0 8547	0 7256	0 8597	0 7258	0 3745	0 3745
4 71	0 8861	0 7452	0 8861	0 7452	0 3745	0 3745
6 69	0 9278	0 7745	0 9278	0 7745	0 3745	0 3745
8 69	0 9621	0 7994	0 9621	0 7994	0 3745	0 3745
10 78	0 9975	0 8239	0 9975	0 8239	0 3745	0 3745
12 78	1 0294	0 8458	1 0294	0 8458	0 3745	0 3745
14 78	1 0584	0 8651	1 0584	0 8651	0 3745	0 3745
16 69	1 0874	0 8845	1 0874	0 8845	0 3745	0 3745
18 71	1 1092	0 8987	1 1092	0 8987	0 3745	0 3745
20 72	1 1375	0 9178	1 1375	0 9178	0 3745	0 3745
22 19	1 1650	0 9345	1 1650	0 9345	0 3745	0 3745
25 71	1 1938	0 9528	1 1938	0 9528	0 3745	0 3745
28 20	1 2167	0 9666	1 2167	0 9666	0 3745	0 3745
30 72	1 2385	0 9799	1 2385	0 9799	0 3745	0 3745
33 21	1 2539	0 9892	1 2539	0 9892	0 3745	0 3745
35 78	1 2681	0 9977	1 2681	0 9977	0 3745	0 3745
38 20	1 2686	0 9980	1 2686	0 9980	0 3745	0 3745
40 69	1 2688	0 9981	1 2688	0 9981	0 3745	0 3745
45 69	1 2720	1 0000	1 2720	1 0000	0 3745	0 3745
50 71	1 2721	1 0001	1 2721	1 0001	0 3745	0 3745
60 69	1 2717	0 9998	1 2717	0 9998	0 3745	0 3745
101 76	1 2718	0 9994	1 2718	0 9994	0 3745	0 3745
111 77	1 2716	0 9998	1 2716	0 9998	0 3745	0 3745
121 79	1 2729	1 0005	1 2729	1 0005	0 3745	0 3745
131 79	1 2723	1 0001	1 2723	1 0001	0 3745	0 3745
141 76	1 2687	0 9988	1 2687	0 9988	0 3745	0 3745
151 78	1 2721	1 0001	1 2723	1 0001	0 3745	0 3745
161 76	1 2714	0 9996	1 2714	0 9996	0 3745	0 3745

M (NOMINAL)= 1 3

X=-168 MM T0=299 1 K DEL 995= 16 1 MM
RE/M=10 21*10^6 (MEASURED P) ME=1 272 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3742	0 3742
0 69	0 6748	0 5843	0 6748	0 5843	0 3742	0 3742
0 90	0 6958	0 6009	0 6958	0 6009	0 3742	0 3742
1 11	0 7328	0 6298	0 7328	0 6298	0 3742	0 3742
1 29	0 7395	0 6349	0 7395	0 6349	0 3742	0 3742
1 51	0 7619	0 6523	0 7619	0 6523	0 3742	0 3742
1 71	0 7762	0 6632	0 7762	0 6632	0 3742	0 3742
2 19	0 8035	0 6839	0 8035	0 6839	0 3742	0 3742
2 70	0 8274	0 7019	0 8274	0 7019	0 3742	0 3742
3 19	0 8468	0 7157	0 8468	0 7157	0 3742	0 3742
3 70	0 8601	0 7261	0 8601	0 7261	0 3742	0 3742
4 70	0 8721	0 7349	0 8721	0 7349	0 3742	0 3742
6 69	0 9316	0 7778	0 9316	0 7778	0 3742	0 3742
8 70	0 9785	0 8052	0 9785	0 8052	0 3742	0 3742
10 69	0 9966	0 8233	0 9966	0 8233	0 3742	0 3742
12 71	1 0242	0 8422	1 0242	0 8422	0 3742	0 3742
14 70	1 0536	0 8628	1 0536	0 8628	0 3742	0 3742
16 72	1 0812	0 8817	1 0812	0 8817	0 3742	0 3742
18 69	1 1138	0 9017	1 1138	0 9017	0 3742	0 3742
20 69	1 1367	0 9165	1 1367	0 9165	0 3742	0 3742
23 21	1 1654	0 9347	1 1654	0 9347	0 3742	0 3742
25 69	1 1889	0 9495	1 1889	0 9495	0 3742	0 3742
28 19	1 2104	0 9628	1 2104	0 9628	0 3742	0 3742
30 70	1 2348	0 9777	1 2348	0 9777	0 3742	0 3742
33 21	1 2514	0 9877	1 2514	0 9877	0 3742	0 3742
35 71	1 2665	0 9967	1 2665	0 9967	0 3742	0 3742
38 19	1 2709	0 9995	1 2709	0 9995	0 3742	0 3742
40 70	1 2708	0 9990	1 2708	0 9990	0 3742	0 3742
45 69	1 2720	1 0000	1 2720	1 0000	0 3742	0 3742
50 69	1 2725	1 0003	1 2725	1 0003	0 3742	0 3742
60 74	1 2721	1 0001	1 2721	1 0001	0 3742	0 3742
101 76	1 2701	0 9989	1 2701	0 9989	0 3742	0 3742
105 77	1 2576	0 9914	1 2576	0 9914	0 3742	0 3742
111 76	1 2716	0 9998	1 2716	0 9998	0 3742	0 3742
121 76	1 2754	1 0020	1 2754	1 0020	0 3742	0 3742
131 77	1 2725	1 0003	1 2725	1 0003	0 3742	0 3742
141 77	1 2719	0 9999	1 2719	0 9999	0 3742	0 3742
151 76	1 2720	1 0000	1 2720	1 0000	0 3742	0 3742
161 81	1 2717	0 9998	1 2717	0 9998	0 3742	0 3742

M (NOMINAL)= 1 3

X=-143 MM T0=298 5 K DEL 995= 17 5 MM
RE/M=10 22*10^6 (MEASURED P) ME=1 273 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3761	0 3800
0 69	0 6698	0 5817	0 6698	0 5817	0 3761	0 3799
0 90	0 6852	0 5940	0 6852	0 5940	0 3761	0 3798
1 10	0 7233	0 6239	0 7233	0 6239	0 3761	0 3798
1 29	0 7324	0 6310	0 7324	0 6310	0 3761	0 3798
1 49	0 7489	0 6438	0 7489	0 6438	0 3761	0 3797
1 70	0 7665	0 6574	0 7665	0 6574	0 3761	0 3797
2 11	0 7969	0 6806	0 7969	0 6806	0 3761	0 3796
2 70	0 8283	0 6982	0 8283	0 6982	0 3761	0 3795
3 11	0 8418	0 7143	0 8418	0 7143	0 3761	0 3794
3 71	0 8543	0 7235	0 8543	0 7235	0 3761	0 3791
4 69	0 8821	0 7440	0 8821	0 7440	0 3761	0 3791
6 69	0 9398	0 7855	0 9398	0 7855	0 3761	0 3788
8 70	0 9747	0 8101	0 9747	0 8101	0 3761	0 3784
10 69	0 9985	0 8289	0 9985	0 8289	0 3761	0 3782
12 69	1 0163	0 8388	1 0163	0 8388	0 3761	0 3780
14 69	1 0493	0 8612	1 0493	0 8612	0 3761	0 3778
16 78	1 0746	0 8781	1 0746	0 8781	0 3761	0 3776
18 69	1 1005	0 8952	1 1005	0 8952	0 3761	0 3777
20 78	1 1241	0 9107	1 1241	0 9107	0 3761	0 3783
23 18	1 1568	0 9318	1 1568	0 9318	0 3761	0 3785
25 64	1 1924	0 9559	1 1924	0 9559	0 3761	0 3783
28 69	1 2055	0 9620	1 2055	0 9620	0 3761	0 3782
30 71	1 2259	0 9764	1 2291	0 9778	0 3760	0 3768
33 69	1 2454	0 9864	1 2461	0 9841	0 3756	0 3758
35 69	1 2593	0 9948	1 2605	0 9928	0 3755	0 3757
38 69	1 2642	0 9977	1 2668	0 9961	0 3751	0 3755
40 69	1 2594	0 9948	1 2618	0 9935	0 3750	0 3753
45 70	1 2698	1 0006	1 2725	0 9999	0 3745	0 3745
50 72	1 2648	1 0000	1 2726	1 0000	0 3748	0 3748
60 71	1 2670	0 9994	1 2724	1 0007	0 3738	0 3738
101 76	1 2676	0 9998	1 2706	1 0025	0 3721	0 3721
111 76	1 2667	0 9992	1 2707	1 0018	0 3721	0 3721
121 77	1 2670	0 9994	1 2708	1 0020	0 3721	0 3721
131 76	1 2681	1 0001	1 2771	1 0026	0 3721	0 3721
141 76	1 2683	0 9994	1 2692	0 9988	0 3721	0 3721
151 79	1 2670	0 9994	1 2768	1 0020	0 3721	0 3721
161 78	1 2661	0 9989	1 2749	1 0013	0 3722	0 3722

M (NOMINAL)= 1 3

X=-119 MM T0=299 5 K DEL 995= 17 4 MM
RE/M=10 18*10^6 (MEASURED P) ME=1 254 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3853	0 3912
0 69	0 6389	0 5648	0 6389	0 5648	0 3853	0 3909
0 90	0 6595	0 5815	0 6595	0 5815	0 3853	0 3908
1 09	0 6821	0 5998	0 6821	0 5998	0 3853	0 3907
1 28	0 7044	0 6177	0 7044	0 6177	0 3852	0 3906
1 50	0 7263	0 6351	0 7263	0 6351	0 3853	0 3905
1 69	0 7413	0 6468	0 7413	0 6468	0 3852	0 3905
2 09	0 7659	0 6661	0 7659	0 6661	0 3852	0 3904
2 70	0 7941	0 6879	0 7941	0 6879	0 3853	0 3904
3 09	0 8136	0 7085	0 8136	0 7085	0 3851	0 3901
3 69	0 8218	0 7085	0 8218	0 7085	0 3851	0 3899
4 70	0 8559	0 7349	0 8559	0 7349	0 385[illegible]	0 3895
6 71	0 9035	0 7704	0 9035	0 7704	0 3851	0 3894
8 71	0 9345	0 7927	0 9345	0 7927	0 385[illegible]	0 3891
10 69	0 9574	0 8102	0 9575	0 8118	0 3852	0 3877
12 69	0 9566	0 8088	0 9564	0 8048	0 3850	0 3871
14 71	1 0165	0 8568	1 0177	0 8528	0 3848	0 3866
16 78	1 0585	0 8741	1 0520	0 8781	0 3846	0 3868
18 71	1 0788	0 8927	1 0739	0 8891	0 3844	0 3854
20 69	1 1189	0 9146	1 1132	0 9111	0 3844	0 3849
23 18	1 1164	0 9143	1 1132	0 9111	0 3848	0 384[illegible]
25 78	1 1751	0 9564	1 1767	0 9555	0 3857	0 3857
28 18	1 1825	0 9616	1 1674	0 9588	0 3855	0 3851
30 78	1 1869	0 9778	1 2125	0 9745	0 3852	0 3827
33 11	1 2285	0 9849	1 2261	0 9838	0 3847	0 3827
35 69	1 2344	0 9935	1 2412	0 9922	0 3822	0 3819
38 20	1 2438	0 9986	1 2566	0 9979	0 3817	0 3815
40 78	1 2458	1 0000	1 2548	1 0000	0 3812	0 3810
45 69	1 2449	0 9999	1 2561	1 0011	0 3806	0 3806
50 71	1 2480	1 0016	1 2516	1 0046	0 3791	0 3791
60 78	1 2478	1 0016	1 2577	1 0085	0 3762	0 3763
101 76	1 2459	1 0005	1 2775	1 0146	0 3711	0 3711
111 76	1 2474	1 0014	1 2688	1 0160	0 3701	0 3701
121 76	1 2515	1 0040	1 2644	1 0102	0 3705	0 3705
131 77	1 2455	1 0003	1 2765	1 0135	0 3714	0 3714
141 77	1 2446	0 9998	1 2747	1 0125	0 3717	0 3717
151 78	1 2464	1 0008	1 2757	1 0131	0 3720	0 3720
161 77	1 2466	1 0010	1 2751	1 0127	0 3724	0 3724

M (NOMINAL)= 1.5

X= -94 MM T0=299.5 K DEL 995= 38.7 MM
RE/M=10 16*10^6 (MEASURED P) ME=1.249 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3975	0.4056
0.69	0.5989	0.5395	0.5989	0.5395	0.3975	0.4052
0.98	0.6145	0.5526	0.6145	0.5526	0.3975	0.4051
1.09	0.6396	0.5735	0.6396	0.5735	0.3975	0.4050
1.34	0.6666	0.5957	0.6666	0.5957	0.3975	0.4049
1.49	0.6808	0.6057	0.6808	0.6057	0.3975	0.4048
1.74	0.6967	0.6203	0.6967	0.6203	0.3975	0.4047
2.09	0.7228	0.6414	0.7228	0.6414	0.3975	0.4045
2.69	0.7583	0.6697	0.7583	0.6697	0.3975	0.4042
3.09	0.7658	0.6756	0.7658	0.6756	0.3975	0.4040
3.69	0.7898	0.6939	0.7898	0.6939	0.3975	0.4037
4.69	0.8242	0.7212	0.8242	0.7212	0.3975	0.4031
6.69	0.8655	0.7537	0.8655	0.7527	0.3975	0.4021
8.69	0.8956	0.7753	0.8956	0.7753	0.3975	0.4010
10.70	0.9153	0.8047	0.9153	0.7914	0.3974	0.4001
12.69	0.9639	0.8255	0.9645	0.8122	0.3972	0.3991
14.	0.9948	0.8470	0.9950	0.8336	0.3970	0.3981
16.71	1.0217	0.8666	1.0231	0.8532	0.3968	0.3974
18.69	1.0451	0.8829	1.0469	0.8695	0.3966	0.3965
20.70	1.0739	0.9028	1.0766	0.8895	0.3962	0.3951
23.09	1.0972	0.9186	1.1019	0.9064	0.3953	0.3938
25. .	1.1319	0.9418	1.1388	0.9306	0.3942	0.3925
28.09	1.1561	0.9578	1.1651	0.9475	0.3933	0.3911
30.70	1.1764	0.9709	1.1878	0.9619	0.3921	0.3901
33.12	1.1976	0.9845	1.2120	0.9772	0.3906	0.3892
35.70	1.2091	0.9920	1.2271	0.9865	0.3891	0.3886
38.09	1.2169	0.9968	1.2377	0.9931	0.3876	0.3874
40.69	1.2237	0.9985	1.2452	0.9966	0.3861	0.3865
45.69	1.2328	1.0000	1.2495	1.0000	0.3848	0.3848
50.70	1.2238	1.0012	1.2544	1.0031	0.3831	0.383
58.70	1.2218	0.9998	1.2591	1.0061	0.3805	0.3801
70.69	1.2208	0.9988	1.2576	1.0126	0.3741	0.3741
80.70	1.2285	0.9991	1.2771	1.0171	0.3714	0.3714
101.76	1.2149	0.9987	1.2614	1.0206	0.3685	0.3685
111.77	1.2196	0.9988	1.2835	1.0208	0.3685	0.3685
121.77	1.2136	0.9986	1.2611	1.0206	0.3685	0.3685
131.77	1.2161	0.9987	1.2794	1.0183	0.3685	0.3685
141.76	1.2137	0.9977	1.2816	1.0197	0.3685	0.3685
151.77	1.2211	0.9995	1.2845	1.0214	0.3685	0.3685
161.77	1.2204	0.9998	1.2817	1.0209	0.3685	0.3685
171.76	1.2176	0.9985	1.2824	1.0206	0.3687	0.3687
181.77	1.2208	0.9992	1.2814	1.0196	0.3697	0.3697

M (NOMINAL)= 1.5

X= 69 MM T0=299.1 K DEL 995= 39.6 MM
RE/M=10 20*10^6 (MEASURED P) ME=1.219 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4234	0.4301
0.69	0.5292	0.4948	0.5292	0.4948	0.4234	0.4296
0.98	0.5383	0.5028	0.5383	0.5028	0.4234	0.4294
1.09	0.5566	0.5189	0.5566	0.5189	0.4234	0.4293
1.34	0.5693	0.5301	0.5693	0.5301	0.4234	0.4292
1.49	0.5948	0.5523	0.5948	0.5523	0.4234	0.4290
1.69	0.6042	0.5604	0.6042	0.5604	0.4234	0.4289
2.09	0.6378	0.5886	0.6378	0.5886	0.4234	0.4286
2.69	0.6688	0.6008	0.6688	0.6008	0.4234	0.4282
3.09	0.6823	0.6278	0.6823	0.6278	0.4234	0.4279
3.71	0.7164	0.6555	0.7164	0.6555	0.4234	0.4275
4.69	0.7519	0.6848	0.7519	0.6848	0.4231	0.4269
6.70	0.7867	0.7146	0.7896	0.6956	0.4231	0.4255
8.70	0.8352	0.7517	0.8369	0.7323	0.4227	0.4242
10.70	0.8584	0.7699	0.8614	0.7510	0.4221	0.4229
12.74	0.8965	0.7994	0.9016	0.7813	0.4210	0.4216
14.74	0.9089	0.8101	0.9201	0.8009	0.4201	0.4203
16.70	0.9556	0.8441	0.9647	0.8276	0.4191	0.4189
18.69	0.9789	0.8616	0.9899	0.8457	0.4181	0.4176
20.70	0.9865	0.8818	1.0194	0.8666	0.4171	0.4162
23.10	1.0436	0.9087	1.0589	0.8942	0.4159	0.4146
25.70	1.0691	0.9267	1.0867	0.9132	0.4145	0.4128
28.10	1.0979	0.9469	1.1178	0.9342	0.4134	0.4115
30.69	1.1221	0.9636	1.1448	0.9521	0.4119	0.4100
33.11	1.1425	0.9775	1.1686	0.9677	0.4102	0.4086
35.69	1.1591	0.9888	1.1891	0.9809	0.4084	0.4071
38.09	1.1688	0.9952	1.2020	0.9892	0.4067	0.4058
40.69	1.1744	0.9989	1.2111	0.9958	0.4050	0.4044
45.69	1.1768	1.0000	1.2190	1.0000	0.4020	0.4020
50.70	1.1827	1.0045	1.2241	1.0035	0.3989	0.3989
55.69	1.1749	0.9993	1.2316	1.0000	0.3954	0.3954
60.70	1.1755	0.9984	1.2376	1.0017	0.3919	0.3919
70.69	1.1715	0.9970	1.2511	1.0091	0.3847	0.3847
80.70	1.1781	0.9961	1.2666	1.0097	0.3778	0.3778
90.70	1.1780	0.9968	1.2796	1.0177	0.3711	0.3711
101.76	1.1711	0.9969	1.2594	1.0037	0.3674	0.3674
111.77	1.1692	0.9954	1.2973	1.0024	0.3674	0.3674
121.77	1.1698	0.9956	1.2983	1.0021	0.3674	0.3674
131.77	1.1694	0.9955	1.2978	1.0022	0.3676	0.3676
141.76	1.1768	1.0005	1.2956	1.0006	0.3685	0.3685
151.77	1.1765	0.9998	1.2987	1.0027	0.3688	0.3688
161.77	1.1781	0.9981	1.2966	1.0006	0.3694	0.3694
171.76	1.1778	0.9956	1.2977	1.0005	0.3694	0.3694
181.77	1.1778	0.9965	1.2944	1.0008	0.3694	0.3694

M (NOMINAL)= 1.5

X= 47 MM T0=297.8 K DEL 995= 42.5 MM
RE/M=10 27*10^6 (MEASURED P) ME=1.181 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4465	0.4621
0.59	0.4582	0.4358	0.4582	0.4358	0.4465	0.4616
0.89	0.4536	0.4389	0.4536	0.4389	0.4465	0.4615
1.09	0.4935	0.4758	0.4935	0.4758	0.4465	0.4614
1.39	0.4969	0.4789	0.4969	0.4789	0.4465	0.4612
1.58	0.5068	0.4880	0.5068	0.4880	0.4465	0.4611
1.69	0.5134	0.4940	0.5134	0.4940	0.4465	0.4610
2.09	0.5481	0.5256	0.5481	0.5256	0.4465	0.4606
2.69	0.5916	0.5664	0.5916	0.5664	0.4465	0.4601
3.16	0.6028	0.5746	0.6028	0.5746	0.4465	0.4600
3.69	0.6255	0.5947	0.6255	0.5947	0.4465	0.4596
4.71	0.6689	0.6327	0.6689	0.6327	0.4465	0.4589
6.69	0.7201	0.6768	0.7234	0.6592	0.4451	0.4576
8.70	0.7496	0.7018	0.7567	0.6865	0.4435	0.4561
10.69	0.8004	0.7441	0.8182	0.7296	0.4422	0.4546
12.69	0.8378	0.7740	0.8487	0.7599	0.4412	0.4531
14.70	0.8631	0.7951	0.8767	0.7817	0.4402	0.4516
16.71	0.8865	0.8137	0.9019	0.8011	0.4391	0.4501
18.69	0.9253	0.8442	0.9422	0.8316	0.4382	0.4485
20.70	0.9484	0.8621	0.9678	0.8500	0.4372	0.4468
23.12	0.9734	0.8813	0.9936	0.8696	0.4363	0.4444
25.70	1.0188	0.9154	1.0401	0.9034	0.4352	0.4425
28.29	1.0498	0.9377	1.0723	0.9260	0.4342	0.4403
30.71	1.0669	0.9500	1.0923	0.9400	0.4331	0.4385
33.13	1.0931	0.9696	1.1211	0.9598	0.4316	0.4363
35.77	1.1098	0.9809	1.1408	0.9727	0.4308	0.4348
38.12	1.1234	0.9911	1.1571	0.9842	0.4286	0.4319
40.69	1.1301	0.9959	1.1670	0.9909	0.4269	0.4297
45.71	1.1368	1.0000	1.1807	1.0000	0.4229	0.4254
50.70	1.1343	0.9986	1.1878	1.0041	0.4189	0.4189
60.70	1.1315	0.9968	1.2021	1.0141	0.4099	0.4099
70.69	1.1298	0.9951	1.2103	1.0246	0.4007	0.404
80.69	1.1279	0.9943	1.2403	1.0388	0.3898	0.3898
90.70	1.1405	1.0052	1.2744	1.0684	0.3800	0.3800
101.76	1.1261	0.9941	1.2766	1.0618	0.3724	0.3724
111.76	1.1254	0.9936	1.2879	1.0689	0.3671	0.3671
121.77	1.1237	0.9914	1.2904	1.0704	0.3653	0.3653
131.78	1.1255	0.9937	1.2917	1.0725	0.3647	0.3647
141.76	1.1245	0.9919	1.2886	1.0707	0.3655	0.3655
151.77	1.1254	0.9926	1.2917	1.0712	0.3655	0.3655
161.77	1.1248	0.9921	1.2918	1.0708	0.3655	0.3655
171.76	1.1257	0.9927	1.2919	1.0714	0.3655	0.3655
181.76	1.1267	0.9935	1.2938	1.0720	0.3655	0.3655
191.77	1.1268	1.0020	1.2852	1.0796	0.3656	0.3656

M (NOMINAL)= 1.5

X= -22 MM T0=296.6 K DEL 995= 44.1 MM
RE/M=10 17*10^6 (MEASURED P) ME=1.192 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4793	0.4861
0.69	0.5408	0.5075	0.5408	0.5075	0.4793	0.4856
0.98	0.5478	0.5141	0.5478	0.5141	0.4793	0.4855
1.09	0.5631	0.5278	0.5631	0.5278	0.4793	0.4854
1.34	0.5816	0.5446	0.5816	0.5446	0.4793	0.4852
1.49	0.5916	0.5536	0.5916	0.5536	0.4793	0.4851
1.69	0.6042	0.5648	0.6042	0.5648	0.4793	0.4850
2.09	0.6378	0.5948	0.6378	0.5948	0.4793	0.4847
2.69	0.6688	0.6229	0.6688	0.6229	0.4793	0.4843
3.09	0.6823	0.6355	0.6823	0.6355	0.4793	0.4841
3.71	0.7164	0.6675	0.7164	0.6675	0.4793	0.4838
4.69	0.7519	0.7006	0.7519	0.7006	0.4793	0.4832
6.70	0.7867	0.7331	0.7896	0.7117	0.4788	0.4821
8.69	0.8352	0.7784	0.8369	0.7548	0.4778	0.4809
10.70	0.8584	0.8000	0.8614	0.7776	0.4776	0.4798
12.74	0.8965	0.8355	0.9016	0.8153	0.4774	0.4787
14.74	0.9089	0.8470	0.9201	0.8330	0.4770	0.4776
16.70	0.9556	0.8905	0.9647	0.8753	0.4768	0.4765
18.69	0.9789	0.9122	0.9899	0.8997	0.4767	0.4753
20.70	0.9865	0.9193	1.0194	0.9277	0.4767	0.4741
23.10	1.0436	0.9726	1.0589	0.9651	0.4765	0.4727
25.70	1.0691	0.9964	1.0867	0.9914	0.4762	0.4713
28.10	1.0979	1.0232	1.1178	1.0208	0.4760	0.4699
30.69	1.1221	1.0457	1.1448	1.0444	0.4755	0.4684
33.11	1.1425	1.0647	1.1686	1.0650	0.4747	0.4669
35.69	1.1591	1.0802	1.1891	1.0829	0.4738	0.4654
38.09	1.1688	1.0892	1.2020	1.0941	0.4729	0.4640
40.69	1.1744	1.0944	1.2111	1.1020	0.4720	0.4626
45.69	1.1768	1.0967	1.2190	1.1089	0.4703	0.4599
50.70	1.1827	1.1022	1.2241	1.1134	0.4685	0.4573
55.69	1.1749	1.0949	1.2316	1.1202	0.4667	0.4547
60.70	1.1755	1.0954	1.2376	1.1257	0.4649	0.4521
70.69	1.1715	1.0917	1.2511	1.1380	0.4611	0.4470
80.70	1.1781	1.0979	1.2666	1.1521	0.4573	0.4421
90.70	1.1780	1.0978	1.2796	1.1639	0.4537	0.4373
101.76	1.1711	1.0914	1.2594	1.1455	0.4503	0.4326
111.77	1.1692	1.0896	1.2973	1.1800	0.4470	0.4280
121.77	1.1698	1.0902	1.2983	1.1809	0.4437	0.4235
131.77	1.1694	1.0898	1.2978	1.1804	0.4405	0.4191
141.76	1.1768	1.0966	1.2956	1.1784	0.4374	0.4148
151.77	1.1765	1.0963	1.2987	1.1812	0.4344	0.4106
161.77	1.1781	1.0978	1.2966	1.1793	0.4315	0.4065
171.76	1.1778	1.0975	1.2977	1.1803	0.4287	0.4025
181.77	1.1778	1.0975	1.2944	1.1773	0.4259	0.3986
191.77	1.1778	1.0975	1.2944	1.1773	0.4232	0.3948

M (NOMINAL= 1.)

X= 4 MM T0=297.2 K DEL 99%= 47.3 MM
RE/M=10.82*10^6 (MEASURED P) ME=1.014 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5120	0.4878
0.69	0.2572	0.2742	0.2572	0.2742	0.5120	0.4882
0.98	0.2489	0.2655	0.2489	0.2655	0.5120	0.4884
1.09	0.2482	0.2563	0.2482	0.2563	0.5120	0.4885
1.29	0.2662	0.2837	0.2662	0.2837	0.5120	0.4886
1.49	0.2683	0.2859	0.2683	0.2859	0.5120	0.4887
1.69	0.2821	0.3004	0.2821	0.3004	0.5120	0.4889
2.19	0.2921	0.3109	0.2921	0.3109	0.5120	0.4892
2.69	0.2796	0.2980	0.3296	0.3508	0.5120	0.4895
3.21	0.3474	0.3684	0.3474	0.3684	0.5120	0.4898
3.70	0.3681	0.3898	0.3681	0.3898	0.5120	0.4901
4.69	0.3946	0.4173	0.3948	0.4173	0.5120	0.4907
5.71	0.4409	0.4642	0.4409	0.4642	0.5120	0.4913
6.69	0.4731	0.4968	0.4731	0.4968	0.5120	0.4920
8.69	0.5307	0.5542	0.5307	0.5542	0.5120	0.4932
10.69	0.5908	0.6130	0.5908	0.6130	0.5120	0.4944
12.70	0.6241	0.6452	0.6241	0.6452	0.5120	0.4957
14.70	0.6729	0.6915	0.6729	0.6915	0.5120	0.4969
16.70	0.7049	0.7215	0.7049	0.7215	0.5120	0.4982
18.71	0.7249	0.7408	0.7249	0.7408	0.5120	0.4994
20.71	0.7625	0.7745	0.7625	0.7745	0.5120	0.5006
23.21	0.7941	0.8051	0.7941	0.8051	0.5120	0.5022
25.69	0.8405	0.8444	0.8405	0.8444	0.5120	0.5037
28.21	0.8687	0.8690	0.8687	0.8690	0.5120	0.5053
30.69	0.9009	0.8966	0.9005	0.9044	0.5122	0.5068
33.21	0.9238	0.9164	0.9221	0.9238	0.5130	0.5084
35.70	0.9561	0.9477	0.9534	0.9495	0.5137	0.5099
38.19	0.9621	0.9650	0.9779	0.9760	0.5145	0.5115
40.70	1.0014	0.9889	0.9959	0.9858	0.5152	0.5130
45.69	1.0191	0.9952	1.0113	0.9976	0.5167	0.5161
50.70	1.0256	1.0000	1.0142	1.0000	0.5186	0.5192
55.69	1.0256	1.0067	1.0085	0.9953	0.5226	0.5226
60.71	1.0250	1.0000	1.0011	0.9893	0.5266	0.5266
100.72	1.0242	0.9993	0.9138	0.9209	0.5769	0.5769
110.72	1.0221	0.9977	0.8993	0.9085	0.5885	0.5885
120.74	1.0185	0.9948	0.8946	0.8986	0.5954	0.5954
130.72	1.0161	0.9928	0.8741	0.8814	0.6003	0.6003
140.73	1.0142	0.9913	0.8638	0.8741	0.6043	0.6043
150.75	1.0129	0.9902	0.8579	0.8672	0.6084	0.6084
160.74	1.0095	0.9875	0.8465	0.8571	0.6132	0.6132

M (NOMINAL= 1.)

X= 29 MM T0=297.7 K DEL 99%= 49.4 MM
RE/M= 7.94*10^6 (MEASURED P) ME=0.988 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5274	0.5145
0.69	0.2187	0.2382	0.2187	0.2382	0.5274	0.5149
0.89	0.1950	0.2126	0.1950	0.2126	0.5274	0.5150
1.09	0.2376	0.2586	0.2376	0.2586	0.5274	0.5159
1.29	0.2319	0.2525	0.2319	0.2525	0.5274	0.5200
1.49	0.2511	0.2732	0.2511	0.2732	0.5274	0.5201
1.70	0.2469	0.2687	0.2469	0.2687	0.5274	0.5201
2.20	0.2651	0.2881	0.2651	0.2881	0.5274	0.5203
2.71	0.2786	0.3026	0.2786	0.3026	0.5274	0.5205
3.19	0.2959	0.3211	0.2959	0.3211	0.5274	0.5207
3.69	0.3200	0.3476	0.3200	0.3476	0.5274	0.5209
4.71	0.3492	0.3777	0.3492	0.3777	0.5274	0.521
5.71	0.3776	0.4075	0.3771	0.4141	0.5275	0.521e
6.70	0.4150	0.4466	0.4139	0.4511	0.5277	0.5218
8.69	0.4729	0.5064	0.4787	0.5138	0.5281	0.522
10.69	0.5137	0.5488	0.5185	0.5544	0.5285	0.523
12.70	0.5525	0.5870	0.5464	0.5916	0.5289	0.5243
14.70	0.5957	0.6308	0.5918	0.6316	0.5291	0.5244
16.69	0.6281	0.6619	0.6227	0.6681	0.5291	0.5251
18.71	0.6670	0.6998	0.6689	0.7059	0.5285	0.5254
20.71	0.7057	0.7366	0.6991	0.7411	0.5285	0.5272
23.19	0.7522	0.7803	0.7449	0.7871	0.5310	0.5281
25.71	0.7914	0.8166	0.7834	0.8235	0.5315	0.5290
28.20	0.8191	0.8418	0.8184	0.8486	0.5328	0.5299
30.70	0.8450	0.8652	0.8456	0.8716	0.5345	0.530
33.19	0.8781	0.8946	0.8698	0.901	0.5358	0.531
35.71	0.9130	0.9284	0.9464	0.9274	0.5355	0.532
38.19	0.8781	0.8946	0.8661	0.8957	0.5348	0.532
40.69	0.9537	0.9652	0.9475	0.9717	0.5347	0.534
45.69	0.9895	0.9984	0.9744	0.9949	0.5365	0.534
50.69	0.9991	0.9984	0.9889	1.0005	0.5386	0.535
55.69	1.0010	1.0000	0.9885	1.0000	0.5401	0.5401
60.69	1.0010	1.0000	0.9778	0.9978	0.5411	0.5411
65.69	1.0010	1.0000	0.9746	0.9951	0.5410	0.541
100.72	1.0005	0.9996	0.9421	0.9670	0.5638	0.5638
110.72	0.9997	0.9989	0.9335	0.9594	0.5686	0.5686
120.74	0.9957	0.9956	0.9215	0.9488	0.5738	0.5738
130.73	0.9926	0.9930	0.9102	0.9389	0.5788	0.5788
140.72	0.9892	0.9901	0.8987	0.9288	0.5837	0.5837
150.72	0.9898	0.9908	0.8922	0.9230	0.5877	0.5877
160.72	0.9873	0.9885	0.8843	0.9159	0.5915	0.5915

M (NOMINAL= 1.)

X= 51 MM T0=297.7 K DEL 99%= 58.6 MM
RE/M= 3.87*10^6 (MEASURED P) ME=0.964 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5410	0.5344
0.69	0.2286	0.2448	0.2286	0.2448	0.5410	0.5356
0.91	0.2239	0.2404	0.2239	0.2404	0.5410	0.5358
1.10	0.1419	0.1588	0.1419	0.1588	0.5410	0.5351
1.29	0.2024	0.2247	0.2024	0.2247	0.5410	0.5351
1.50	0.2388	0.2559	0.2388	0.2559	0.5410	0.535
1.69	0.2476	0.2738	0.2478	0.2738	0.5410	0.535
2.19	0.2275	0.2524	0.2275	0.2524	0.5410	0.5354
2.70	0.2378	0.2628	0.2378	0.2628	0.5410	0.5355
3.19	0.2677	0.2963	0.2677	0.2963	0.5410	0.5356
3.70	0.2864	0.3167	0.2864	0.3167	0.5410	0.5358
4.70	0.3124	0.3458	0.3124	0.3458	0.5410	0.5360
5.69	0.3389	0.3736	0.3389	0.3736	0.5410	0.536
6.69	0.3610	0.3973	0.3610	0.3973	0.5410	0.5365
8.70	0.4139	0.4538	0.4139	0.4538	0.5410	0.5370
10.71	0.461	0.5026	0.4611	0.5100	0.5411	0.5375
12.69	0.5004	0.5445	0.4996	0.5506	0.5413	0.5380
14.71	0.5334	0.5790	0.5322	0.6054	0.5415	0.5386
16.70	0.5648	0.6109	0.5832	0.6375	0.5417	0.5391
18.70	0.6259	0.6755	0.6275	0.6821	0.5419	0.5396
20.69	0.6594	0.7052	0.6569	0.7117	0.5421	0.5401
23.20	0.7048	0.7495	0.7014	0.7558	0.5426	0.5407
25.70	0.7428	0.7853	0.7377	0.7912	0.5431	0.541
28.19	0.7782	0.8195	0.7732	0.8252	0.5436	0.5418
30.70	0.8127	0.8517	0.8069	0.8571	0.5441	0.542
33.21	0.8415	0.8782	0.8367	0.8834	0.5446	0.543
35.69	0.8708	0.9049	0.8716	0.9171	0.5451	0.543
38.19	0.8983	0.9307	0.8996	0.9416	0.5456	0.544
40.69	0.9238	0.9571	0.9218	0.9617	0.5461	0.545
45.70	0.9629	0.9962	0.9539	0.9908	0.5471	0.5464
50.69	0.9761	0.9975	0.9646	1.0002	0.5481	0.54
55.69	0.9747	0.9997	0.9657	1.0011	0.5491	0.548
60.69	0.9798	1.0000	0.9644	1.0000	0.5501	0.5501
65.69	0.9798	0.9997	0.9624	0.9983	0.5511	0.5511
100.72	0.9777	0.9989	0.9467	0.9792	0.5642	0.564
110.72	0.9778	0.9986	0.9352	0.9743	0.5672	0.5672
120.72	0.9734	0.9952	0.9265	0.9666	0.5704	0.5704
130.73	0.9708	0.9932	0.9158	0.9563	0.5754	0.5754
140.72	0.9674	0.9901	0.9046	0.9478	0.5803	0.580
150.72	0.9657	0.9885	0.8966	0.9298	0.5841	0.5841
160.72	0.9649	0.9879	0.8925	0.9361	0.5862	0.5862

M (NOMINAL= 1.)

X= 74 MM T0=297.6 K DEL 99%= 58.9 MM
RE/M= 3.88*10^6 (MEASURED P) ME=0.965 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5461	0.5399
0.69	0.2412	0.2632	0.2412	0.2632	0.5461	0.5408
0.89	0.2481	0.2687	0.2481	0.2687	0.5461	0.5409
1.09	0.2294	0.2563	0.2294	0.2563	0.5461	0.5407
1.29	0.2322	0.2593	0.2322	0.2593	0.5461	0.5408
1.49	0.2611	0.2912	0.2611	0.2912	0.5461	0.5408
1.69	0.2434	0.2717	0.2434	0.2717	0.5461	0.5408
2.20	0.2446	0.2738	0.2446	0.2738	0.5461	0.5408
2.69	0.2798	0.3118	0.2798	0.3118	0.5461	0.5408
3.20	0.2871	0.3197	0.2871	0.3197	0.5461	0.5408
3.72	0.2967	0.3301	0.2967	0.3301	0.5461	0.5408
4.70	0.3162	0.3516	0.3162	0.3516	0.5461	0.5408
5.69	0.3374	0.3746	0.3374	0.3746	0.5461	0.5410
6.75	0.3521	0.3915	0.3521	0.3915	0.5461	0.5412
8.69	0.4077	0.4504	0.4077	0.4504	0.5461	0.5416
10.69	0.4476	0.4928	0.4476	0.4926	0.5463	0.5420
12.70	0.4828	0.5298	0.4828	0.5298	0.5465	0.5424
14.70	0.5272	0.5762	0.5272	0.5762	0.5465	0.5427
16.70	0.5661	0.6162	0.5661	0.6162	0.5465	0.5431
18.69	0.6066	0.6573	0.6066	0.6573	0.5465	0.5435
20.70	0.6441	0.6949	0.6441	0.6949	0.5465	0.5439
23.19	0.6911	0.7415	0.6911	0.7415	0.5465	0.5444
25.69	0.7243	0.7736	0.7243	0.7736	0.5465	0.5444
28.20	0.7682	0.8081	0.7682	0.8081	0.5465	0.5451
30.69	0.7966	0.8425	0.7965	0.8481	0.5464	0.5456
33.19	0.8315	0.8758	0.8315	0.8802	0.5469	0.5463
35.70	0.8611	0.9062	0.8591	0.9069	0.5474	0.5469
38.19	0.8936	0.9361	0.8894	0.9344	0.5479	0.547
40.69	0.9245	0.9654	0.9180	0.9624	0.5484	0.5479
45.69	0.9584	0.9971	0.9465	0.9896	0.5494	0.5491
50.70	0.9672	0.9967	0.9565	0.9984	0.5504	0.547
55.71	0.9782	0.9993	0.9629	1.0001	0.5514	0.5504
60.70	0.9778	1.0000	0.9626	1.0000	0.5514	0.5514
65.69	0.9711	1.0001	0.9613	0.9987	0.5524	0.5524
100.72	0.9715	1.0004	0.9451	0.9849	0.5625	0.5625
110.72	0.9694	0.9986	0.9388	0.9789	0.5655	0.5655
120.73	0.9655	0.9952	0.9388	0.9711	0.5685	0.5685
130.72	0.9625	0.9924	0.9241	0.9640	0.5714	0.5714
140.71	0.9600	0.9905	0.9165	0.9598	0.5735	0.5735
150.72	0.9582	0.9889	0.9099	0.9511	0.5764	0.5764
160.73	0.9567	0.9876	0.9052	0.9489	0.5784	0.5784

M (NOMINAL)= 1 3

X= 125 MM T0=297 5 K DEL 995= 52 8 MM
RE/M= 9 81*10^6 (MEASURED P) ME=0 955 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5560	0 5545
0 69	0 2775	0 3136	0 2775	0 3136	0 5560	0 5545
0 91	0 2737	0 3093	0 2737	0 3093	0 5560	0 5545
1 09	0 2669	0 3018	0 2669	0 3018	0 5560	0 5545
1 29	0 2587	0 2926	0 2587	0 2926	0 5560	0 5545
1 49	0 2813	0 3178	0 2813	0 3178	0 5560	0 5545
1 69	0 3088	0 3482	0 3088	0 3482	0 5560	0 5545
2 19	0 3039	0 3429	0 3039	0 3429	0 5560	0 5546
2 69	0 3119	0 3517	0 3119	0 3517	0 5560	0 5546
3 19	0 3146	0 3768	0 3146	0 3768	0 5566	0 5546
3 72	0 3141	0 3762	0 3141	0 3762	0 5560	0 5546
4 69	0 3335	0 3756	0 3335	0 3756	0 5560	0 5546
5 69	0 3566	0 4018	0 3566	0 4018	0 5560	0 5547
6 69	0 3759	0 4221	0 3759	0 4221	0 5560	0 5547
8 69	0 3979	0 4468	0 3979	0 4468	0 5560	0 5547
10 69	0 4174	0 4888	0 4174	0 4888	0 5560	0 5548
14 72	0 4996	0 5551	0 4996	0 5551	0 5560	0 5549
16 78	0 5328	0 5981	0 5328	0 5981	0 5560	0 5549
18 78	0 5744	0 6335	0 5744	0 6335	0 5560	0 5550
20 69	0 6122	0 6724	0 6122	0 6724	0 5560	0 5551
23 13	0 6547	0 7154	0 6547	0 7154	0 5560	0 5551
25 71	0 6935	0 7542	0 6935	0 7542	0 5560	0 5552
28 19	0 7311	0 7915	0 7311	0 7915	0 5560	0 5553
30 69	0 7706	0 8295	0 7706	0 8295	0 5560	0 5553
33 21	0 7997	0 8574	0 7997	0 8574	0 5560	0 5554
35 69	0 8301	0 8861	0 8301	0 8861	0 5560	0 5555
38 21	0 8641	0 9177	0 8641	0 9177	0 5560	0 5555
40 69	0 8871	0 9389	0 8871	0 9389	0 5560	0 5556
45 69	0 9296	0 9774	0 9296	0 9774	0 5560	0 5557
50 78	0 9484	0 9942	0 9484	0 9942	0 5560	0 5559
55 78	0 9548	0 9998	0 9548	0 9998	0 5560	0 5560
60 69	0 9550	1 0000	0 9549	1 0000	0 5561	0 5561
65 78	0 9552	1 0002	0 9543	0 9995	0 5566	0 5566
100 72	0 9546	0 9997	0 9481	0 9940	0 5601	0 5601
110 72	0 9540	0 9991	0 9460	0 9921	0 5611	0 5611
120 72	0 9511	0 9965	0 9415	0 9879	0 5621	0 5621
130 72	0 9474	0 9932	0 9345	0 9818	0 5641	0 5641
140 72	0 9448	0 9909	0 9282	0 9760	0 5651	0 5651
150 73	0 9422	0 9886	0 9244	0 9728	0 5671	0 5671
160 72	0 9406	0 9872	0 9135	0 9634	0 5691	0 5691

M (NOMINAL)= 1 3

X= 174 MM T0=297 4 K DEL 995= 52 6 MM
RE/M= 9 86*10^6 (MEASURED P) ME=0 944 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5627	0 5627
0 69	0 2887	0 3292	0 2887	0 3292	0 5627	0 5627
0 90	0 2937	0 3348	0 2937	0 3348	0 5627	0 5627
1 09	0 2920	0 3329	0 2920	0 3329	0 5627	0 5627
1 29	0 2982	0 3399	0 2982	0 3399	0 5627	0 5627
1 69	0 3142	0 3577	0 3142	0 3577	0 5627	0 5627
2 20	0 3258	0 3698	0 3258	0 3698	0 5627	0 5627
2 70	0 3340	0 3798	0 3340	0 3798	0 5627	0 5627
3 18	0 3433	0 3902	0 3433	0 3902	0 5627	0 5627
3 69	0 3449	0 3920	0 3449	0 3920	0 5627	0 5627
4 69	0 3584	0 3981	0 3584	0 3981	0 5627	0 5627
5 19	0 3549	0 4031	0 3549	0 4031	0 5627	0 5627
6 69	0 3701	0 4199	0 3701	0 4199	0 5627	0 5627
8 71	0 3999	0 4526	0 3999	0 4526	0 5627	0 5627
10 78	0 4181	0 4944	0 4181	0 4944	0 5627	0 5627
12 78	0 4663	0 5249	0 4663	0 5249	0 5627	0 5627
14 78	0 4899	0 5583	0 4899	0 5583	0 5627	0 5627
16 69	0 5318	0 5941	0 5318	0 5941	0 5627	0 5627
18 69	0 5685	0 6252	0 5685	0 6252	0 5627	0 5627
20 69	0 5956	0 6617	0 5956	0 6617	0 5627	0 5627
25 69	0 6751	0 7431	0 6751	0 7431	0 5627	0 5627
30 69	0 7485	0 8161	0 7485	0 8161	0 5627	0 5627
35 78	0 8124	0 8788	0 8124	0 8788	0 5627	0 5627
40 78	0 8713	0 9335	0 8713	0 9335	0 5627	0 5627
45 72	0 9143	0 9731	0 9143	0 9731	0 5627	0 5627
50 78	0 9359	0 9927	0 9359	0 9927	0 5627	0 5627
55 69	0 9432	0 9992	0 9432	0 9992	0 5627	0 5627
60 72	0 9448	1 0008	0 9448	1 0008	0 5627	0 5627
70 72	0 9448	1 0007	0 9448	1 0007	0 5627	0 5627
100 72	0 9439	0 9999	0 9439	0 9999	0 5627	0 5627
110 72	0 9421	0 9983	0 9421	0 9983	0 5627	0 5627
120 72	0 9397	0 9961	0 9397	0 9961	0 5627	0 5627
130 72	0 9349	0 9918	0 9348	0 9917	0 5628	0 5628
140 73	0 9332	0 9903	0 9314	0 9886	0 5638	0 5638
150 73	0 9314	0 9886	0 9264	0 9841	0 5658	0 5658
160 75	0 9303	0 9877	0 9238	0 9817	0 5666	0 5666

M (NOMINAL)= 1 3

X= 221 MM T0=296 8 K DEL 995= 52 9 MM
RE/M= 9 88*10^6 (MEASURED P) ME=0 938 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5666	0 5666
0 69	0 3124	0 3577	0 3124	0 3577	0 5666	0 5666
0 91	0 3105	0 3555	0 3105	0 3555	0 5666	0 5666
1 09	0 3132	0 3586	0 3132	0 3586	0 5666	0 5666
1 38	0 3241	0 3710	0 3241	0 3710	0 5666	0 5666
1 69	0 3456	0 3949	0 3456	0 3949	0 5666	0 5666
2 19	0 3435	0 3925	0 3435	0 3925	0 5666	0 5666
2 69	0 3456	0 3949	0 3456	0 3949	0 5666	0 5666
3 19	0 3611	0 4122	0 3611	0 4122	0 5666	0 5666
3 69	0 3684	0 4201	0 3684	0 4201	0 5666	0 5666
4 78	0 3706	0 4227	0 3706	0 4227	0 5666	0 5666
5 71	0 3874	0 4413	0 3874	0 4413	0 5666	0 5666
6 69	0 3911	0 4476	0 3911	0 4476	0 5666	0 5666
8 78	0 4198	0 4769	0 4196	0 4769	0 5666	0 5666
10 69	0 4418	0 5011	0 4418	0 5011	0 5666	0 5666
12 69	0 4668	0 5283	0 4668	0 5283	0 5666	0 5666
14 78	0 5027	0 5666	0 5023	0 5666	0 5666	0 5666
16 71	0 5283	0 5944	0 5283	0 5944	0 5666	0 5666
18 71	0 5655	0 6338	0 5653	0 6338	0 5666	0 5666
20 78	0 5982	0 6597	0 5982	0 6597	0 5666	0 5666
25 71	0 6668	0 7388	0 6668	0 7388	0 5666	0 5666
30 71	0 7396	0 8118	0 7396	0 8118	0 5666	0 5666
35 78	0 8054	0 8760	0 8054	0 8760	0 5666	0 5666
40 71	0 8625	0 9301	0 8625	0 9301	0 5666	0 5666
45 78	0 9055	0 9701	0 9055	0 9701	0 5666	0 5666
50 69	0 9294	0 9922	0 9294	0 9922	0 5666	0 5666
55 69	0 9376	0 9997	0 9376	0 9997	0 5666	0 5666
60 78	0 9388	1 0008	0 9388	1 0008	0 5666	0 5666
70 69	0 9386	1 0005	0 9386	1 0005	0 5666	0 5666
100 72	0 9368	1 0005	0 9368	1 0005	0 5666	0 5666
110 72	0 9361	0 9998	0 9361	0 9998	0 5666	0 5666
120 78	0 9321	0 9946	0 9321	0 9946	0 5666	0 5666
130 74	0 9295	0 9922	0 9295	0 9922	0 5666	0 5666
140 74	0 9275	0 9904	0 9275	0 9904	0 5666	0 5666
150 72	0 9258	0 9889	0 9258	0 9889	0 5666	0 5666
160 75	0 9235	0 9868	0 9235	0 9868	0 5666	0 5666

M (NOMINAL)= 1 3

X= 272 MM T0=297 8 K DEL 995= 55 8 MM
RE/M= 9 92*10^6 (MEASURED P) ME=0 934 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5692	0 5692
0 69	0 3239	0 3726	0 3239	0 3726	0 5692	0 5692
0 89	0 3248	0 3738	0 3248	0 3738	0 5692	0 5692
1 09	0 3353	0 3848	0 3353	0 3848	0 5692	0 5692
1 29	0 3414	0 3916	0 3414	0 3916	0 5692	0 5692
1 78	0 3556	0 4075	0 3556	0 4075	0 5692	0 5692
2 71	0 3616	0 4141	0 3616	0 4141	0 5692	0 5692
2 69	0 3766	0 4309	0 3766	0 4309	0 5692	0 5692
3 19	0 3848	0 4391	0 3848	0 4391	0 5692	0 5692
3 69	0 3814	0 4363	0 3814	0 4363	0 5692	0 5692
4 69	0 3945	0 4506	0 3945	0 4506	0 5692	0 5692
5 71	0 4056	0 4631	0 4056	0 4631	0 5692	0 5692
6 69	0 4214	0 4805	0 4214	0 4805	0 5692	0 5692
8 69	0 4442	0 5055	0 4442	0 5055	0 5692	0 5692
10 78	0 4637	0 5269	0 4637	0 5269	0 5692	0 5692
12 72	0 4818	0 5464	0 4818	0 5464	0 5692	0 5692
14 72	0 5048	0 5705	0 5048	0 5705	0 5692	0 5692
16 78	0 5367	0 6055	0 5367	0 6055	0 5692	0 5692
18 95	0 5684	0 6392	0 5684	0 6392	0 5692	0 5692
20 78	0 5896	0 6615	0 5896	0 6615	0 5692	0 5692
25 71	0 6632	0 7378	0 6632	0 7378	0 5692	0 5692
30 69	0 7325	0 8077	0 7325	0 8077	0 5692	0 5692
35 69	0 8018	0 8758	0 8018	0 8758	0 5692	0 5692
40 78	0 8551	0 9269	0 8551	0 9269	0 5692	0 5692
45 69	0 8908	0 9669	0 8908	0 9669	0 5692	0 5692
50 78	0 9238	0 9987	0 9238	0 9987	0 5692	0 5692
55 78	0 9325	0 9986	0 9325	0 9986	0 5692	0 5692
60 78	0 9348	1 0000	0 9348	1 0000	0 5692	0 5692
70 72	0 9345	1 0004	0 9345	1 0004	0 5692	0 5692
80 78	0 9348	1 0008	0 9348	1 0008	0 5692	0 5692
100 72	0 9312	0 9992	0 9312	0 9992	0 5692	0 5692
110 73	0 9312	0 9974	0 9312	0 9974	0 5692	0 5692
120 73	0 9298	0 9962	0 9298	0 9962	0 5692	0 5692
130 72	0 9245	0 9913	0 9245	0 9913	0 5692	0 5692
140 73	0 9224	0 9894	0 9224	0 9894	0 5692	0 5692
150 73	0 9226	0 9896	0 9226	0 9896	0 5692	0 5692
160 73	0 9197	0 9869	0 9197	0 9869	0 5692	0 5692
180 7	0 9148	0 9861	0 9148	0 9861	0 5692	0 5692

M (NOMINAL = 1)

x= 321 MM T0=296.9 K DEL 99%= 55.4 MM
RE.M= 9.80e+05 (MEASURED P) ME=0.941 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5714	0.5714
0.69	0.3488	0.3920	0.3488	0.3920	0.5714	0.5714
0.89	0.3360	0.3866	0.3360	0.3866	0.5714	0.5714
1.09	0.3420	0.3933	0.3420	0.3933	0.5714	0.5714
1.29	0.3545	0.4074	0.3545	0.4074	0.5714	0.5714
1.69	0.3625	0.4164	0.3625	0.4164	0.5714	0.5714
2.19	0.3858	0.4423	0.3858	0.4423	0.5714	0.5714
2.69	0.3981	0.4560	0.3981	0.4560	0.5714	0.5714
3.19	0.3975	0.4554	0.3975	0.4554	0.5714	0.5714
3.69	0.4012	0.4594	0.4012	0.4594	0.5714	0.5714
4.69	0.4119	0.4715	0.4119	0.4715	0.5714	0.5714
5.69	0.4259	0.4868	0.4259	0.4868	0.5714	0.5714
6.75	0.4342	0.4959	0.4342	0.4959	0.5714	0.5714
8.72	0.4527	0.5163	0.4527	0.5163	0.5714	0.5714
10.69	0.4716	0.5369	0.4716	0.5369	0.5714	0.5714
12.69	0.4944	0.5616	0.4944	0.5616	0.5714	0.5714
14.71	0.5151	0.5848	0.5151	0.5848	0.5714	0.5714
16.77	0.5410	0.6118	0.5410	0.6118	0.5714	0.5714
18.69	0.5709	0.6436	0.5709	0.6436	0.5714	0.5714
20.69	0.5982	0.6639	0.5982	0.6639	0.5714	0.5714
25.75	0.6625	0.7350	0.6625	0.7350	0.5714	0.5714
30.69	0.7291	0.8065	0.7291	0.8065	0.5714	0.5714
35.73	0.7912	0.8678	0.7912	0.8678	0.5714	0.5714
40.69	0.8485	0.9238	0.8485	0.9238	0.5714	0.5714
45.69	0.8912	0.9637	0.8912	0.9637	0.5714	0.5714
50.69	0.9181	0.9881	0.9181	0.9881	0.5714	0.5714
55.69	0.9285	0.9975	0.9285	0.9975	0.5714	0.5714
60.69	0.9315	1.0004	0.9315	1.0004	0.5714	0.5714
70.70	0.9310	1.0000	0.9310	1.0000	0.5714	0.5714
80.69	0.9286	0.9997	0.9286	0.9997	0.5714	0.5714
100.72	0.9291	0.9985	0.9291	0.9985	0.5714	0.5714
110.72	0.9288	0.9977	0.9288	0.9977	0.5714	0.5714
120.72	0.9283	0.9968	0.9283	0.9968	0.5714	0.5714
130.72	0.9281	0.9968	0.9281	0.9968	0.5714	0.5714
140.72	0.9288	0.9899	0.9288	0.9899	0.5714	0.5714
150.72	0.9285	0.9985	0.9285	0.9985	0.5714	0.5714
160.72	0.9268	0.9870	0.9268	0.9870	0.5714	0.5714
170.73	0.9129	0.9824	0.9129	0.9824	0.5714	0.5714
180.72	0.9145	0.9849	0.9145	0.9849	0.5714	0.5714

M (NOMINAL = 1)

x= 368 MM T0=296.7 K DEL 99%= 55.6 MM
RE.M= 9.81e+05 (MEASURED P) ME=0.925 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5731	0.5731
0.69	0.3515	0.4051	0.3515	0.4051	0.5731	0.5731
0.92	0.3494	0.4027	0.3494	0.4027	0.5731	0.5731
1.09	0.3559	0.4100	0.3559	0.4100	0.5731	0.5731
1.32	0.3718	0.4279	0.3718	0.4279	0.5731	0.5731
1.69	0.3845	0.4421	0.3845	0.4421	0.5731	0.5731
2.20	0.4023	0.4619	0.4023	0.4619	0.5731	0.5731
2.69	0.4039	0.4637	0.4039	0.4637	0.5731	0.5731
3.19	0.4137	0.4746	0.4137	0.4746	0.5731	0.5731
3.69	0.4211	0.4828	0.4211	0.4828	0.5731	0.5731
4.69	0.4338	0.4969	0.4338	0.4969	0.5731	0.5731
5.69	0.4458	0.5092	0.4458	0.5092	0.5731	0.5731
6.69	0.4485	0.5138	0.4485	0.5138	0.5731	0.5731
8.69	0.4658	0.5312	0.4658	0.5312	0.5731	0.5731
10.69	0.4855	0.5536	0.4855	0.5536	0.5731	0.5731
12.71	0.5061	0.5759	0.5061	0.5759	0.5731	0.5731
14.69	0.5241	0.5954	0.5241	0.5954	0.5731	0.5731
16.70	0.5488	0.6218	0.5488	0.6218	0.5731	0.5731
18.72	0.5727	0.6472	0.5727	0.6472	0.5731	0.5731
20.88	0.5979	0.6739	0.5979	0.6739	0.5731	0.5731
25.69	0.6618	0.7403	0.6618	0.7403	0.5731	0.5731
30.72	0.7203	0.7999	0.7203	0.7999	0.5731	0.5731
35.70	0.7856	0.8647	0.7856	0.8647	0.5731	0.5731
40.70	0.8418	0.9191	0.8418	0.9191	0.5731	0.5731
45.73	0.8866	0.9616	0.8866	0.9616	0.5731	0.5731
50.70	0.9124	0.9856	0.9124	0.9856	0.5731	0.5731
55.71	0.9244	0.9967	0.9244	0.9967	0.5731	0.5731
60.69	0.9288	1.0008	0.9288	1.0008	0.5731	0.5731
70.78	0.9281	1.0001	0.9281	1.0001	0.5731	0.5731
80.69	0.9272	0.9992	0.9272	0.9992	0.5731	0.5731
90.70	0.9275	0.9996	0.9275	0.9996	0.5731	0.5731
100.72	0.9261	0.9982	0.9261	0.9982	0.5731	0.5731
110.72	0.9254	0.9976	0.9254	0.9976	0.5731	0.5731
120.80	0.9221	0.9945	0.9221	0.9945	0.5731	0.5731
130.75	0.9181	0.9909	0.9181	0.9909	0.5731	0.5731
140.71	0.9170	0.9899	0.9170	0.9899	0.5731	0.5731
150.73	0.9138	0.9869	0.9138	0.9869	0.5731	0.5731
160.72	0.9117	0.9865	0.9133	0.9865	0.5731	0.5731
170.71	0.9129	0.9868	0.9129	0.9868	0.5731	0.5731
180.72	0.9110	0.9845	0.9110	0.9845	0.5731	0.5731
190.73	0.9114	0.9847	0.9114	0.9847	0.5731	0.5731

M (NOMINAL = 1)

x= 466 MM T0=296.4 K DEL 99%= 57.2 MM
RE.M= 9.79e+05 (MEASURED P) ME=0.922 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5770	0.5770
0.69	0.3651	0.4227	0.3651	0.4227	0.5770	0.5770
0.89	0.3604	0.4265	0.3604	0.4265	0.5770	0.5770
1.09	0.3755	0.4345	0.3755	0.4345	0.5770	0.5770
1.29	0.3841	0.4441	0.3841	0.4441	0.5770	0.5770
1.70	0.4098	0.4720	0.4098	0.4720	0.5770	0.5770
2.70	0.4285	0.4937	0.4285	0.4937	0.5770	0.5770
3.20	0.4376	0.5038	0.4376	0.5038	0.5770	0.5770
3.71	0.4415	0.5082	0.4415	0.5082	0.5770	0.5770
4.70	0.4572	0.5255	0.4572	0.5255	0.5770	0.5770
5.74	0.4583	0.5267	0.4583	0.5267	0.5770	0.5770
6.69	0.4672	0.5365	0.4672	0.5365	0.5770	0.5770
8.70	0.4938	0.5657	0.4938	0.5657	0.5770	0.5770
10.69	0.5012	0.5738	0.5012	0.5738	0.5770	0.5770
12.69	0.5225	0.5969	0.5225	0.5969	0.5770	0.5770
14.69	0.5430	0.6198	0.5430	0.6198	0.5770	0.5770
16.69	0.5612	0.6386	0.5612	0.6386	0.5770	0.5770
18.69	0.5798	0.6565	0.5798	0.6565	0.5770	0.5770
20.69	0.6045	0.6847	0.6045	0.6847	0.5770	0.5770
25.73	0.6589	0.7414	0.6589	0.7414	0.5770	0.5770
30.69	0.7137	0.7977	0.7137	0.7977	0.5770	0.5770
35.69	0.7735	0.8576	0.7735	0.8576	0.5770	0.5770
40.69	0.8269	0.9099	0.8269	0.9099	0.5770	0.5770
45.69	0.8724	0.9535	0.8724	0.9535	0.5770	0.5770
50.69	0.9026	0.9820	0.9026	0.9820	0.5770	0.5770
55.69	0.9163	0.9947	0.9163	0.9947	0.5770	0.5770
60.70	0.9216	0.9997	0.9216	0.9997	0.5770	0.5770
70.73	0.9220	1.0000	0.9220	1.0000	0.5770	0.5770
80.70	0.9221	1.0001	0.9221	1.0001	0.5770	0.5770
90.69	0.9216	0.9997	0.9216	0.9997	0.5770	0.5770
100.72	0.9219	0.9999	0.9219	0.9999	0.5770	0.5770
110.72	0.9204	0.9985	0.9204	0.9985	0.5770	0.5770
120.71	0.9178	0.9954	0.9178	0.9954	0.5770	0.5770
130.72	0.9124	0.9911	0.9124	0.9911	0.5770	0.5770
140.72	0.9100	0.9889	0.9100	0.9889	0.5770	0.5770
150.71	0.9087	0.9877	0.9087	0.9877	0.5770	0.5770
160.73	0.9081	0.9870	0.9081	0.9870	0.5770	0.5770
170.76	0.9067	0.9858	0.9067	0.9858	0.5770	0.5770
180.71	0.9062	0.9851	0.9062	0.9851	0.5770	0.5770
190.72	0.9024	0.9817	0.9024	0.9817	0.5770	0.5770

M (NOMINAL = 1

x= 565 MM T0=296.4 K DEL 99%= 60.0 MM
RE.M= 1.19e+06 (MEASURED P) ME=0.914 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5796	0.5796
0.69	0.3847	0.4460	0.3847	0.4460	0.5798	0.5798
0.95	0.3812	0.4421	0.3812	0.4421	0.5796	0.5796
1.09	0.3926	0.4549	0.3926	0.4549	0.5796	0.5796
1.29	0.4005	0.4638	0.4005	0.4638	0.5796	0.5796
1.69	0.4219	0.4878	0.4219	0.4878	0.5796	0.5796
2.21	0.4369	0.5044	0.4369	0.5044	0.5798	0.5798
2.70	0.4424	0.5106	0.4424	0.5106	0.5798	0.5798
3.19	0.4525	0.5218	0.4525	0.5218	0.5798	0.5798
3.69	0.4550	0.5245	0.4550	0.5245	0.5798	0.5798
4.70	0.4712	0.5424	0.4712	0.5424	0.5798	0.5798
5.72	0.4898	0.5628	0.4898	0.5628	0.5798	0.5798
6.69	0.4876	0.5605	0.4876	0.5605	0.5798	0.5798
8.69	0.5070	0.5817	0.5070	0.5817	0.5796	0.5798
10.69	0.5247	0.6009	0.5247	0.6009	0.5798	0.5798
12.82	0.5371	0.6144	0.5371	0.6144	0.5798	0.5798
14.70	0.5547	0.6334	0.5547	0.6334	0.5798	0.5798
16.70	0.5722	0.6521	0.5722	0.6521	0.5798	0.5798
18.70	0.5925	0.6738	0.5925	0.6738	0.5798	0.5798
20.69	0.6095	0.6918	0.6095	0.6918	0.5798	0.5798
25.69	0.6517	0.7464	0.6517	0.7464	0.5798	0.5798
30.71	0.7112	0.7973	0.7112	0.7973	0.5798	0.5798
35.70	0.7641	0.8589	0.7641	0.8589	0.5798	0.5798
40.71	0.8141	0.8999	0.8141	0.8999	0.5798	0.5798
45.69	0.8567	0.9411	0.8567	0.9411	0.5798	0.5798
50.69	0.8933	0.9759	0.8933	0.9759	0.5798	0.5796
55.69	0.8894	0.9911	0.8894	0.9911	0.5798	0.5796
60.72	0.9163	0.9975	0.9163	0.9975	0.5798	0.5798
70.69	0.9198	1.0000	0.9198	1.0000	0.5798	0.5798
80.71	0.9174	0.9985	0.9174	0.9985	0.5798	0.5798
90.69	0.9162	0.9992	0.9162	0.9992	0.5796	0.5798
100.72	0.9170	0.9981	0.9170	0.9981	0.5798	0.5798
110.72	0.9136	0.9949	0.9136	0.9949	0.5798	0.5798
120.72	0.9121	0.9936	0.9121	0.9936	0.5796	0.5798
130.74	0.9077	0.9894	0.9077	0.9894	0.5798	0.5798
140.74	0.9061	0.9880	0.9061	0.9880	0.5798	0.5798
150.72	0.9047	0.9866	0.9047	0.9866	0.5798	0.5796
160.75	0.9013	0.9853	0.9013	0.9853	0.5796	0.5796
170.72	0.9026	0.9849	0.9026	0.9849	0.5798	0.5798
180.74	0.9015	0.9837	0.9015	0.9837	0.5798	0.5798
190.72	0.9019	0.9840	0.9019	0.9840	0.5796	0.5796

M (NOMINAL) = 1 1

X= 663 MM T0=296 7 K DEL 995= 63 2 MM
RE/M= 9 74e+07 6 (MEASURED P) ME=0 913 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5830	0 5830
0 69	0 3943	0 4594	0 3943	0 4594	0 5830	0 5830
0 89	0 4081	0 4750	0 4081	0 4750	0 5830	0 5830
1 09	0 4124	0 4798	0 4124	0 4796	0 5830	0 5830
1 29	0 4368	0 5071	0 4368	0 5071	0 5830	0 5830
1 69	0 4424	0 5135	0 4424	0 5135	0 5830	0 5830
2 28	0 4544	0 5268	0 4544	0 5268	0 5830	0 5830
2 69	0 4612	0 5344	0 4612	0 5344	0 5830	0 5830
2 [illegible]	0 4751	0 5500	0 4751	0 5500	0 5830	0 5830
3 69	0 4806	0 5648	0 4806	0 5648	0 5830	0 5830
4 69	0 4878	0 5639	0 4878	0 5639	0 5830	0 5830
5 69	0 5033	0 5809	0 5033	0 5809	0 5830	0 5830
6 78	0 5111	0 5895	0 5111	0 5895	0 5830	0 5830
8 69	0 5287	0 6087	0 5287	0 6087	0 5830	0 5830
10 71	0 5377	0 6185	0 5377	0 6185	0 5830	0 5830
12 78	0 5555	0 6376	0 5555	0 6376	0 5830	0 5830
14 69	0 5685	0 6519	0 5685	0 6519	0 5830	0 5830
16 42	0 5868	0 6715	0 5868	0 6715	0 5830	0 5830
18 78	0 5995	0 6848	0 5995	0 6846	0 5830	0 5830
20 69	0 6177	0 7044	0 6177	0 7044	0 5830	0 5830
25 69	0 6617	0 7507	0 6617	0 7507	0 5830	0 5830
30 78	0 7096	0 8002	0 7096	0 8002	0 5830	0 5830
35 69	0 7499	0 8412	0 7499	0 8412	0 5830	0 5830
40 69	0 7997	0 8988	0 7997	0 8988	0 5830	0 5830
45 78	0 8474	0 9374	0 8474	0 9374	0 5830	0 5830
50 78	0 8799	0 9687	0 8799	0 9687	0 5830	0 5830
55 69	0 9085	0 9882	0 9085	0 9882	0 5830	0 5830
60 69	0 9071	0 9944	0 9071	0 9944	0 5830	0 5830
70 69	0 9140	1 0000	0 9140	1 0000	0 5830	0 5830
80 69	0 9099	0 9971	0 9099	0 9971	0 5830	0 5830
100 67	0 9135	1 0004	0 9135	1 0004	0 5830	0 5830
101 25	0 9138	1 0000	0 9138	1 0000	0 5830	0 5830
110 74	0 9085	0 9958	0 9085	0 9958	0 5830	0 5830
120 72	0 9056	0 9930	0 9056	0 9930	0 5830	0 5830
130 71	0 9043	0 9918	0 9043	0 9918	0 5830	0 5830
140 71	0 8998	0 9875	0 8998	0 9875	0 5830	0 5830
150 7	0 9085	0 9882	0 9085	[illegible]	0 5830	0 5830
160 71	0 8967	0 9847	0 8967	0 9847	0 5830	0 5830
170 72	0 8965	0 9863	0 8965	0 9863	0 5830	0 5830
180 72	0 8968	0 9848	0 8968	0 9848	0 5830	0 5830
190 72	0 8935	0 9816	0 8935	0 9816	0 5830	0 5830
200 78	0 8978	0 9857	0 8978	0 9857	0 5830	0 5830

M (NOMINAL) = 1 1

X= 761 MM T0=296 8 K DEL 995= 65 2 MM
RE/M= 9 73e+07 6 (MEASURED P) ME=0 907 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5870	0 5870
0 69	0 3941	0 4618	0 3941	0 4618	0 5870	0 5870
0 90	0 4150	0 4855	0 4150	0 4855	0 5870	0 5870
1 09	0 4249	0 4967	0 4249	0 4967	0 5870	0 5870
1 28	0 4345	0 5074	0 4345	0 5074	0 5870	0 5870
1 78	0 4517	0 5268	0 4517	0 5268	0 5870	0 5870
2 19	0 4657	0 5425	0 4657	0 5425	0 5870	0 5870
2 78	0 4734	0 5510	0 4734	0 5510	0 5870	0 5870
3 38	0 4787	0 5569	0 4787	0 5569	0 5870	0 5870
3 74	0 4879	0 5671	0 4879	0 5671	0 5870	0 5870
4 71	0 5034	0 5843	0 5034	0 5843	0 5870	0 5870
5 78	0 5121	0 5939	0 5121	0 5939	0 5870	0 5870
6 75	0 5161	0 5983	0 5161	0 5983	0 5870	0 5870
8 69	0 5349	0 6190	0 5349	0 6190	0 5870	0 5870
10 64	0 5519	0 6375	0 5519	0 6375	0 5870	0 5870
12 78	0 5639	0 6505	0 5639	0 6505	0 5870	0 5870
14 69	0 5747	0 6622	0 5747	0 6622	0 5870	0 5870
16 78	0 5973	0 6822	0 5973	0 6822	0 5870	0 5870
18 71	0 6096	0 6997	0 6096	0 6997	0 5870	0 5870
20 78	0 6183	0 7098	0 6183	0 7098	0 5870	0 5870
25 78	0 6634	0 7567	0 6634	0 7567	0 5870	0 5870
30 78	0 6981	0 7929	0 6981	0 7929	0 5870	0 5870
35 71	0 7456	0 8415	0 7456	0 8415	0 5870	0 5870
40 69	0 7914	0 8876	0 7914	0 8876	0 5870	0 5870
45 69	0 8276	0 9235	0 8276	0 9235	0 5870	0 5870
50 78	0 8658	0 9598	0 8658	0 9598	0 5870	0 5870
55 71	0 8863	0 9803	0 8863	0 9803	0 5870	0 5870
60 78	0 8989	0 9923	0 8989	0 9923	0 5870	0 5870
70 72	0 9065	0 9996	0 9065	0 9996	0 5870	0 5870
80 69	0 9070	1 0000	0 9070	1 0000	0 5870	0 5870
90 69	0 9072	1 0002	0 9072	1 0002	0 5870	0 5870
100 72	0 9033	0 9965	0 9033	0 9965	0 5870	0 5870
110 72	0 9042	0 9973	0 9042	0 9973	0 5870	0 5870
120 73	0 9002	0 9935	0 9002	0 9935	0 5870	0 5870
130 71	0 8960	0 9896	0 8960	0 9896	0 5870	0 5870
140 72	0 8951	0 9887	0 8951	0 9887	0 5870	0 5870
150 73	0 8944	0 9880	0 8944	0 9880	0 5870	0 5870
160 73	0 8904	0 9842	0 8904	0 9842	0 5870	0 5870
170 75	0 8915	0 9853	0 8915	0 9853	0 5870	0 5870
180 72	0 8908	0 9846	0 8908	0 9846	0 5870	0 5870
190 72	0 8911	0 9849	0 8911	0 9849	0 5870	0 5870

M (NOMINAL) = 1 1

X= 861 MM T0=296 8 K DEL 995= 68 1 MM
RE/M= 9 73e+07 6 (MEASURED P) ME=0 902 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5907	0 5907
0 69	0 4082	0 4709	0 4082	0 4709	0 5907	0 5907
0 91	0 4079	0 4797	0 4079	0 4797	0 5907	0 5907
1 09	0 4078	0 4796	0 4078	0 4796	0 5907	0 5907
1 29	0 4250	0 4992	0 4250	0 4992	0 5907	0 5907
1 78	0 4461	0 5238	0 4461	0 5238	0 5907	0 5907
1 91	0 4561	0 5343	0 4561	0 5343	0 5907	0 5907
2 69	0 4621	0 5418	0 4621	0 5418	0 5907	0 5907
2 89	0 4649	0 5441	0 4649	0 5441	0 5907	0 5907
3 58	0 4745	0 5549	0 4745	0 5549	0 5907	0 5907
3 69	0 4775	0 5583	0 4775	0 5583	0 5907	0 5907
4 28	0 4820	0 5633	0 4820	0 5633	0 5907	0 5907
4 69	0 4918	0 5742	0 4918	0 5742	0 5907	0 5907
4 72	0 5094	0 5947	0 5094	0 5947	0 5907	0 5907
5 69	0 5166	0 6017	0 5166	0 6017	0 5907	0 5907
6 78	0 5264	0 6125	0 5264	0 6125	0 5907	0 5907
7 69	0 5401	0 6276	0 5401	0 6276	0 5907	0 5907
10 69	0 5514	0 6408	0 5514	0 6408	0 5907	0 5907
12 69	0 5657	0 6556	0 5657	0 6556	0 5907	0 5907
14 78	0 5760	0 6668	0 5760	0 6668	0 5907	0 5907
16 69	0 5972	0 6898	0 5972	0 6898	0 5907	0 5907
18 78	0 6052	0 6984	0 6052	0 6984	0 5907	0 5907
20 69	0 6228	0 7173	0 6228	0 7173	0 5907	0 5907
25 78	0 6584	0 7558	0 6584	0 7558	0 5907	0 5907
30 69	0 6975	0 7968	0 6975	0 7968	0 5907	0 5907
35 69	0 7308	0 8328	0 7308	0 8328	0 5907	0 5907
40 69	0 7758	0 8762	0 7758	0 8762	0 5907	0 5907
45 78	0 8157	0 9168	0 8157	0 9168	0 5907	0 5907
50 71	0 8478	0 9477	0 8478	0 9477	0 5907	0 5907
55 69	0 8728	0 9719	0 8728	0 9719	0 5907	0 5907
60 69	0 8886	0 9871	0 8886	0 9871	0 5907	0 5907
70 69	0 8986	0 9967	0 8986	0 9967	0 5907	0 5907
80 69	0 8998	0 9979	0 8998	0 9979	0 5907	0 5907
90 78	0 9019	1 0000	0 9019	1 0000	0 5907	0 5907
100 64	0 9016	0 9996	0 9016	0 9996	0 5907	0 5907
110 72	0 8995	0 9976	0 8995	0 9976	0 5907	0 5907
120 72	0 8939	0 9922	0 8939	0 9922	0 5907	0 5907
130 72	0 8904	0 9889	0 8904	0 9889	0 5907	0 5907
140 72	0 8898	0 9884	0 8898	0 9884	0 5907	0 5907
150 74	0 8861	0 9848	0 8861	0 9848	0 5907	0 5907
160 72	0 8868	0 9847	0 8868	0 9847	0 5907	0 5907
170 72	0 8843	0 9831	0 8843	0 9831	0 5907	0 5907
180 72	0 8841	0 9828	0 8841	0 9826	0 5907	0 5907
190 73	0 8859	0 9846	0 8859	0 9846	0 5907	0 5907
200 65	0 8848	0 9835	0 8848	0 9835	0 5907	0 5907

M (NOMINAL) = 1 1

X= 957 MM T0=296 1 K DEL 995= 69 6 MM
RE/M= 9 66e+07 6 (MEASURED P) ME=0 895 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5938	0 5938
0 69	0 4071	0 4821	0 4071	0 4821	0 5938	0 5938
0 90	0 4139	0 4896	0 4139	0 4896	0 5938	0 5938
1 09	0 4141	0 4900	0 4141	0 4900	0 5938	0 5938
1 39	0 4389	0 5093	0 4389	0 5093	0 5938	0 5938
1 69	0 4491	0 5299	0 4491	0 5299	0 5938	0 5938
2 69	0 4636	0 5471	0 4636	0 5471	0 5938	0 5938
3 09	0 5019	0 5894	0 5019	0 5894	0 5938	0 5938
4 71	0 5122	0 6009	0 5122	0 6009	0 5938	0 5938
5 71	0 5275	0 6179	0 5275	0 6179	0 5938	0 5938
6 69	0 5361	0 6274	0 5361	0 6274	0 5938	0 5938
8 78	0 5494	0 6421	0 5494	0 6421	0 5938	0 5938
10 78	0 5647	0 6596	0 5647	0 6596	0 5938	0 5938
12 69	0 5698	0 6645	0 5698	0 6645	0 5938	0 5938
14 78	0 5897	0 6858	0 5897	0 6858	0 5938	0 5938
16 78	0 6015	0 7001	0 6015	0 7001	0 5938	0 5938
18 71	0 6115	0 7098	0 6115	0 7098	0 5938	0 5938
20 78	0 6219	0 7218	0 6219	0 7218	0 5938	0 5938
25 78	0 6501	0 7600	0 6501	0 7600	0 5938	0 5938
30 78	0 6964	0 7979	0 6964	0 7979	0 5938	0 5938
35 78	0 7386	0 8356	0 7386	0 8356	0 5938	0 5938
40 71	0 7626	0 8689	0 7626	0 8689	0 5938	0 5938
45 71	0 8044	0 9114	0 8044	0 9114	0 5938	0 5938
50 78	0 8341	0 9395	0 8341	0 9395	0 5938	0 5938
55 69	0 8558	0 9619	0 8558	0 9619	0 5938	0 5938
60 78	0 8703	0 9839	0 8703	0 9839	0 5938	0 5938
70 78	0 8929	0 9988	0 8929	0 9988	0 5938	0 5938
80 71	0 8958	1 0000	0 8958	1 0000	0 5938	0 5938
90 78	0 8945	0 9995	0 8945	0 9995	0 5938	0 5938
100 65	0 8948	0 9998	0 8948	0 9998	0 5938	0 5938
110 71	0 8926	0 9977	0 8926	0 9977	0 5938	0 5938
120 77	0 8875	0 9931	0 8875	0 9931	0 5938	0 5938
130 71	0 8842	0 9899	0 8842	0 9899	0 5938	0 5938
140 75	0 8821	0 9875	0 8821	0 9875	0 5938	0 5938
150 81	0 8888	0 9942	0 8888	0 9942	0 5938	0 5938
160 77	0 8881	0 9858	0 8881	0 9858	0 5938	0 5938
170 77	0 8882	0 9857	0 8882	0 9857	0 5938	0 5938
180 74	0 8744	0 9849	0 8744	0 9849	0 5938	0 5938
190 77	0 8878	0 9859	0 8878	0 9859	0 5938	0 5938
200 62	0 8798	0 9844	0 8798	0 9844	0 5938	0 5938

N (NOMINAL) = 1

	CONST PW		MEASURED P			
P (MW)	N	VALUE	N	VALUE	P_PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5967	0.5967
0.59	0.4159	0.4940	0.4159	0.4940	0.5967	0.5967
0.80	0.4159	0.4938	0.4159	0.4938	0.5967	0.5967
1.00	0.4158	0.4994	0.4286	0.4994	0.5967	0.5967
1.20	0.4286	0.5177	0.4286	0.5177	0.5967	0.5967
1.39	0.4286	0.5486	0.4767	0.5486	0.5967	0.5967
1.59	0.4767	0.5756	0.4767	0.5756	0.5967	0.5967
1.79	0.4767	0.5894	0.5097	0.5894	0.5967	0.5967
1.99	0.5097	0.6047	0.5159	0.6047	0.5967	0.5967
2.19	0.5159	0.6284	0.6215	0.6284	0.5967	0.5967
2.39	0.6215	0.6466	0.6215	0.6466	0.5967	0.5967
2.59	0.6215	0.6447	0.6447	0.6447	0.5967	0.5967
2.79	0.6447	0.6638	0.6447	0.6638	0.5967	0.5967
2.99	0.6447	0.6888	0.6781	0.6888	0.5967	0.5967
3.19	0.6781	0.7067	0.6781	0.7067	0.5967	0.5967
3.39	0.6781	0.7151	0.6781	0.7151	0.5967	0.5967
3.59	0.6781	0.7151	0.6781	0.7151	0.5967	0.5967
3.79	0.6781	0.7151	0.6781	0.7151	0.5967	0.5967

M (NOMINAL)= 1.3

X= 1538 MM T0=296.6 K DEL 995= 84.6 MM
RE/M= 9.68e+07 (MEASURED P) ME=0.875 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6059	0.6059
0.66	0.4476	0.5386	0.4476	0.5386	0.6059	0.6059
0.86	0.4430	0.5331	0.4430	0.5333	0.6059	0.6059
1.06	0.4547	0.5468	0.4547	0.5466	0.6059	0.6059
1.26	0.4696	0.5648	0.4696	0.5648	0.6059	0.6059
1.46	0.4778	0.5734	0.4778	0.5734	0.6059	0.6059
1.66	0.4849	0.5816	0.4849	0.5816	0.6059	0.6059
2.16	0.5017	0.6008	0.5017	0.6008	0.6059	0.6059
2.67	0.5154	0.6163	0.5154	0.6163	0.6059	0.6059
3.16	0.5247	0.6268	0.5247	0.6268	0.6059	0.6059
3.66	0.5354	0.6398	0.5354	0.6398	0.6059	0.6059
4.66	0.5513	0.6569	0.5513	0.6569	0.6059	0.6059
6.67	0.5636	0.6707	0.5636	0.6707	0.6059	0.6059
8.66	0.5942	0.6937	0.5942	0.6937	0.6059	0.6059
10.68	0.5983	0.7004	0.5983	0.7004	0.6059	0.6059
12.68	0.6053	0.7171	0.6053	0.7171	0.6059	0.6059
14.66	0.6185	0.7228	0.6185	0.7228	0.6059	0.6059
16.66	0.6285	0.7337	0.6285	0.7337	0.6059	0.6059
18.68	0.6318	0.7462	0.6318	0.7462	0.6059	0.6059
20.66	0.6429	0.7582	0.6429	0.7582	0.6059	0.6059
25.66	0.6685	0.7774	0.6685	0.7774	0.6059	0.6059
30.74	0.6888	0.8070	0.6888	0.8070	0.6059	0.6059
35.66	0.7075	0.8278	0.7075	0.8278	0.6059	0.6059
40.68	0.7377	0.8598	0.7377	0.8598	0.6059	0.6059
45.67	0.7680	0.8831	0.7680	0.8831	0.6059	0.6059
50.70	0.7851	0.9050	0.7851	0.9050	0.6059	0.6059
55.67	0.8014	0.9259	0.8014	0.9259	0.6059	0.6059
60.68	0.8214	0.9462	0.8214	0.9462	0.6059	0.6059
67.75	0.8466	0.9716	0.8466	0.9716	0.6059	0.6059
80.69	0.8682	0.9932	0.8682	0.9932	0.6059	0.6059
90.67	0.8750	1.0000	0.8750	1.0000	0.6059	0.6059
111.93	0.8717	0.9967	0.8717	0.9967	0.6059	0.6059
121.91	0.8674	0.9924	0.8674	0.9924	0.6059	0.6059
133.99	0.8657	0.9908	0.8657	0.9908	0.6059	0.6059
141.93	0.8629	0.9880	0.8629	0.9880	0.6059	0.6059
151.95	0.8610	0.9861	0.8610	0.9861	0.6059	0.6059
161.93	0.8605	0.9856	0.8605	0.9856	0.6059	0.6059
171.00	0.8599	0.9849	0.8599	0.9849	0.6059	0.6059
181.94	0.8599	0.9849	0.8599	0.9849	0.6059	0.6059
193.92	0.8589	0.9840	0.8589	0.9840	0.6059	0.6059

M (NOMINAL)= 1.3

X= 1585 MM T0=297.9 K DEL 995= 85.1 MM
RE/M= 9.47e+07 (MEASURED P) ME=0.873 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6071	0.6071
0.66	0.4398	0.5307	0.4398	0.5307	0.6071	0.6071
0.87	0.4428	0.5341	0.4428	0.5341	0.6071	0.6071
1.06	0.4573	0.5589	0.4573	0.5589	0.6071	0.6071
1.36	0.4718	0.5676	0.4718	0.5676	0.6071	0.6071
1.46	0.4788	0.5749	0.4788	0.5749	0.6071	0.6071
1.71	0.4968	0.5964	0.4968	0.5964	0.6071	0.6071
2.20	0.5056	0.6065	0.5056	0.6065	0.6071	0.6071
2.71	0.5207	0.6236	0.5207	0.6236	0.6071	0.6071
3.20	0.5281	0.6320	0.5281	0.6320	0.6071	0.6071
3.66	0.5385	0.6437	0.5385	0.6437	0.6071	0.6071
4.71	0.5517	0.6587	0.5517	0.6587	0.6071	0.6071
6.66	0.5720	0.6814	0.5720	0.6814	0.6071	0.6071
8.71	0.5816	0.6921	0.5816	0.6921	0.6071	0.6071
10.67	0.5964	0.7086	0.5964	0.7086	0.6071	0.6071
12.75	0.6060	0.7193	0.6060	0.7193	0.6071	0.6071
14.81	0.6172	0.7316	0.6172	0.7316	0.6071	0.6071
16.76	0.6285	0.7353	0.6285	0.7353	0.6071	0.6071
18.70	0.6348	0.7510	0.6348	0.7510	0.6071	0.6071
20.67	0.6412	0.7579	0.6412	0.7579	0.6071	0.6071
25.70	0.6683	0.7787	0.6683	0.7787	0.6071	0.6071
30.71	0.6844	0.8048	0.6844	0.8048	0.6071	0.6071
35.66	0.7081	0.8301	0.7081	0.8301	0.6071	0.6071
40.71	0.7326	0.8561	0.7326	0.8561	0.6071	0.6071
45.67	0.7548	0.8794	0.7548	0.8794	0.6071	0.6071
50.67	0.7776	0.9031	0.7776	0.9031	0.6071	0.6071
55.67	0.7973	0.9235	0.7973	0.9235	0.6071	0.6071
60.67	0.8193	0.9468	0.8193	0.9468	0.6071	0.6071
70.66	0.8581	0.9771	0.8581	0.9771	0.6071	0.6071
80.76	0.8651	0.9921	0.8651	0.9921	0.6071	0.6071
90.70	0.8723	0.9993	0.8723	0.9993	0.6071	0.6071
100.67	0.8732	1.0002	0.8732	1.0002	0.6071	0.6071
102.43	0.8730	1.0000	0.8730	1.0000	0.6071	0.6071
112.44	0.8726	0.9996	0.8726	0.9996	0.6071	0.6071
122.44	0.8661	0.9931	0.8661	0.9931	0.6071	0.6071
132.48	0.8636	0.9906	0.8636	0.9906	0.6071	0.6071
142.48	0.8616	0.9886	0.8616	0.9886	0.6071	0.6071
152.44	0.8597	0.9868	0.8597	0.9868	0.6071	0.6071
162.44	0.8593	0.9863	0.8593	0.9863	0.6071	0.6071
172.43	0.8682	0.9872	0.8682	0.9872	0.6071	0.6071
182.53	0.8587	0.9857	0.8587	0.9857	0.6071	0.6071
192.47	0.8582	0.9853	0.8582	0.9853	0.6071	0.6071
202.34	0.8573	0.9843	0.8573	0.9843	0.6071	0.6071

M (NOMINAL)= 1.3

X= 1781 MM T0=297.4 K DEL 995= 88.8 MM
RE/M= 9.49e+07 (MEASURED P) ME=0.866 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6105	0.6105
0.66	0.4535	0.5504	0.4535	0.5504	0.6105	0.6105
0.88	0.4656	0.5644	0.4656	0.5644	0.6105	0.6105
1.06	0.4768	0.5775	0.4768	0.5775	0.6105	0.6105
1.26	0.4871	0.5894	0.4871	0.5894	0.6105	0.6105
1.46	0.4943	0.5977	0.4943	0.5977	0.6105	0.6105
1.66	0.5009	0.6053	0.5009	0.6053	0.6105	0.6105
2.16	0.5180	0.6248	0.5180	0.6248	0.6105	0.6105
2.68	0.5254	0.6334	0.5254	0.6334	0.6105	0.6105
3.17	0.5377	0.6474	0.5377	0.6474	0.6105	0.6105
3.68	0.5397	0.6496	0.5397	0.6496	0.6105	0.6105
4.68	0.5594	0.6720	0.5594	0.6720	0.6105	0.6105
6.69	0.5754	0.6908	0.5754	0.6908	0.6105	0.6105
8.68	0.5896	0.7059	0.5896	0.7059	0.6105	0.6105
10.69	0.6008	0.7185	0.6008	0.7185	0.6105	0.6105
12.75	0.6133	0.7324	0.6133	0.7324	0.6105	0.6105
14.68	0.6215	0.7415	0.6215	0.7415	0.6105	0.6105
16.68	0.6295	0.7501	0.6295	0.7501	0.6105	0.6105
18.67	0.6377	0.7594	0.6377	0.7594	0.6105	0.6105
20.66	0.6454	0.7679	0.6454	0.7679	0.6105	0.6105
25.66	0.6667	0.7912	0.6667	0.7912	0.6105	0.6105
30.72	0.6865	0.8126	0.6865	0.8126	0.6105	0.6105
35.68	0.7067	0.8345	0.7067	0.8345	0.6105	0.6105
40.66	0.7255	0.8546	0.7255	0.8546	0.6105	0.6105
45.68	0.7445	0.8747	0.7445	0.8747	0.6105	0.6105
50.68	0.7654	0.8967	0.7654	0.8967	0.6105	0.6105
55.66	0.7841	0.9162	0.7841	0.9162	0.6105	0.6105
60.67	0.8043	0.9372	0.8043	0.9372	0.6105	0.6105
70.71	0.8363	0.9708	0.8363	0.9708	0.6105	0.6105
80.66	0.8541	0.9888	0.8541	0.9888	0.6105	0.6105
90.72	0.8641	0.9981	0.8641	0.9981	0.6105	0.6105
104.13	0.8668	1.0000	0.8668	1.0000	0.6105	0.6105
113.94	0.8639	0.9979	0.8639	0.9979	0.6105	0.6105
123.91	0.8602	0.9942	0.8602	0.9942	0.6105	0.6105
133.97	0.8569	0.9908	0.8569	0.9908	0.6105	0.6105
143.91	0.8544	0.9883	0.8544	0.9883	0.6105	0.6105
153.93	0.8528	0.9867	0.8528	0.9867	0.6105	0.6105
163.92	0.8515	0.9853	0.8515	0.9853	0.6105	0.6105
173.96	0.8523	0.9862	0.8523	0.9862	0.6105	0.6105
183.91	0.8512	0.9851	0.8512	0.9851	0.6105	0.6105
193.97	0.8508	0.9847	0.8508	0.9847	0.6105	0.6105

M (NOMINAL)= 1.3

X= 2278 MM T0=293.6 K DEL 995= 97.4 MM
RE/M= 9.55e+07 (MEASURED P) ME=0.850 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6202	0.6202
0.66	0.4577	0.5644	0.4577	0.5644	0.6202	0.6202
0.86	0.4487	0.5537	0.4487	0.5537	0.6202	0.6202
1.06	0.4632	0.5708	0.4632	0.5708	0.6202	0.6202
1.27	0.4710	0.5808	0.4710	0.5808	0.6202	0.6202
1.46	0.4804	0.5912	0.4804	0.5912	0.6202	0.6202
1.66	0.4874	0.5994	0.4874	0.5994	0.6202	0.6202
2.16	0.5142	0.6307	0.5142	0.6307	0.6202	0.6202
2.68	0.5191	0.6364	0.5191	0.6364	0.6202	0.6202
3.20	0.5329	0.6524	0.5329	0.6524	0.6202	0.6202
3.66	0.5391	0.6596	0.5391	0.6596	0.6202	0.6202
4.66	0.5568	0.6808	0.5568	0.6808	0.6202	0.6202
6.66	0.5766	0.7027	0.5766	0.7027	0.6202	0.6202
8.66	0.5930	0.7214	0.5930	0.7214	0.6202	0.6202
10.66	0.5981	0.7273	0.5981	0.7273	0.6202	0.6202
12.66	0.6864	0.7366	0.6864	0.7366	0.6202	0.6202
14.67	0.6152	0.7466	0.6152	0.7466	0.6202	0.6202
16.70	0.6287	0.7618	0.6287	0.7618	0.6202	0.6202
18.70	0.6348	0.7686	0.6348	0.7686	0.6202	0.6202
20.68	0.6446	0.7795	0.6446	0.7795	0.6202	0.6202
25.66	0.6582	0.7946	0.6582	0.7946	0.6202	0.6202
30.68	0.6758	0.8142	0.6758	0.8142	0.6202	0.6202
35.67	0.6914	0.8314	0.6914	0.8314	0.6202	0.6202
40.67	0.7095	0.8511	0.7095	0.8511	0.6202	0.6202
45.68	0.7252	0.8682	0.7252	0.8682	0.6202	0.6202
50.66	0.7453	0.8899	0.7453	0.8899	0.6202	0.6202
55.70	0.7585	0.9040	0.7585	0.9040	0.6202	0.6202
60.68	0.7701	0.9164	0.7701	0.9164	0.6202	0.6202
70.66	0.8029	0.9511	0.8029	0.9511	0.6202	0.6202
80.68	0.8265	0.9757	0.8265	0.9757	0.6202	0.6202
90.69	0.8414	0.9912	0.8414	0.9912	0.6202	0.6202
105.41	0.8508	1.0000	0.8508	1.0000	0.6202	0.6202
113.91	0.8489	0.9989	0.8489	0.9989	0.6202	0.6202
123.93	0.8446	0.9944	0.8446	0.9944	0.6202	0.6202
133.93	0.8416	0.9913	0.8416	0.9913	0.6202	0.6202
143.92	0.8395	0.9892	0.8395	0.9892	0.6202	0.6202
153.91	0.8396	0.9893	0.8396	0.9893	0.6202	0.6202
163.93	0.8365	0.9861	0.8365	0.9861	0.6202	0.6202
173.91	0.8378	0.9866	0.8378	0.9866	0.6202	0.6202
183.93	0.8366	0.9862	0.8366	0.9862	0.6202	0.6202
193.94	0.8369	0.9865	0.8369	0.9865	0.6202	0.6202

M (NOMINAL)= 1.3

X= 2759 MM T0=294.8 K DEL 99%=181.0 MM
RE/M= 9.34*10^6 (MEASURED P) ME=0.838 (MEASURED P)

Y (MM)	CONST PM M	CONST PM U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6299	0.6299
0.66	0.4514	0.5686	0.4514	0.5686	0.6299	0.6299
0.87	0.4543	0.5722	0.4543	0.5722	0.6299	0.6299
1.06	0.4689	0.5901	0.4689	0.5901	0.6299	0.6299
1.26	0.4704	0.5916	0.4704	0.5916	0.6299	0.6299
1.50	0.4842	0.6082	0.4842	0.6082	0.6299	0.6299
1.66	0.4913	0.6166	0.4913	0.6166	0.6299	0.6299
2.17	0.5083	0.6378	0.5083	0.6378	0.6299	0.6299
2.66	0.5133	0.6429	0.5133	0.6429	0.6299	0.6299
3.17	0.5278	0.6601	0.5278	0.6601	0.6299	0.6299
3.67	0.5371	0.6711	0.5371	0.6711	0.6299	0.6299
4.67	0.5520	0.6887	0.5520	0.6887	0.6299	0.6299
6.66	0.5701	0.7100	0.5701	0.7100	0.6299	0.6299
8.66	0.5811	0.7228	0.5811	0.7228	0.6299	0.6299
10.66	0.5997	0.7444	0.5997	0.7444	0.6299	0.6299
12.66	0.6042	0.7496	0.6042	0.7496	0.6299	0.6299
14.66	0.6141	0.7610	0.6141	0.7610	0.6299	0.6299
16.66	0.6238	0.7713	0.6238	0.7713	0.6299	0.6299
18.66	0.6313	0.7808	0.6313	0.7808	0.6299	0.6299
20.67	0.6352	0.7852	0.6352	0.7852	0.6299	0.6299
25.66	0.6533	0.8059	0.6533	0.8059	0.6299	0.6299
30.67	0.6661	0.8204	0.6661	0.8204	0.6299	0.6299
35.67	0.6819	0.8383	0.6819	0.8383	0.6299	0.6299
40.67	0.6958	0.8538	0.6958	0.8538	0.6299	0.6299
45.66	0.7076	0.8670	0.7076	0.8670	0.6299	0.6299
50.66	0.7192	0.8799	0.7192	0.8799	0.6299	0.6299
55.68	0.7345	0.8968	0.7345	0.8968	0.6299	0.6299
60.66	0.7468	0.9103	0.7468	0.9103	0.6299	0.6299
70.67	0.7732	0.9391	0.7732	0.9391	0.6299	0.6299
78.27	0.7912	0.9586	0.7912	0.9586	0.6299	0.6299
104.31	0.8388	1.0000	0.8388	1.0000	0.6299	0.6299
113.91	0.8220	1.0021	0.8220	1.0021	0.6299	0.6299
123.92	0.8209	0.9989	0.8209	0.9989	0.6299	0.6299
133.92	0.8273	0.9972	0.8273	0.9972	0.6299	0.6299
143.92	0.8263	0.9961	0.8263	0.9961	0.6299	0.6299
153.91	0.8234	0.9930	0.8234	0.9930	0.6299	0.6299
163.91	0.8219	0.9914	0.8219	0.9914	0.6299	0.6299
173.92	0.8222	0.9917	0.8222	0.9917	0.6299	0.6299
181.52	0.8282	0.9896	0.8282	0.9896	0.6299	0.6299

M (NOMINAL)= 1 4

X= 712 MM T0= 291 3 K DEL 995= 34 1 MM
RE/M= 3 64*10^6 (MEASURED P) ME=1 41 (MEASURED P)

	CONST PN		MEASURED P			
V (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3000	0 3000
0 69	0 7089	0 5657	0 7089	0 5657	0 3000	0 3000
0 89	0 7428	0 5982	0 7428	0 5982	0 3000	0 3000
1 09	0 7639	0 6051	0 7639	0 6051	0 3000	0 3000
1 29	0 7832	0 6188	0 7832	0 6188	0 3000	0 3000
1 50	0 8004	0 6364	0 8004	0 6364	0 3000	0 3000
1 69	0 8218	0 6458	0 8218	0 6458	0 3000	0 3000
2 20	0 8592	0 6715	0 8592	0 6715	0 3000	0 3000
2 70	0 8879	0 6909	0 8879	0 6909	0 3000	0 3000
3 20	0 9120	0 7069	0 9120	0 7069	0 3000	0 3000
3 70	0 9295	0 7183	0 9295	0 7183	0 3000	0 3000
4 70	0 9665	0 7427	0 9665	0 7427	0 3000	0 3000
6 72	1 0188	0 7761	1 0188	0 7761	0 3000	0 3000
8 70	1 0641	0 8044	1 0641	0 8044	0 3000	0 3000
10 71	1 1006	0 8316	1 1006	0 8316	0 3000	0 3000
12 69	1 1512	0 8568	1 1512	0 8568	0 3000	0 3000
14 72	1 1888	0 8787	1 1888	0 8787	0 3000	0 3000
16 70	1 2276	0 9009	1 2276	0 9009	0 3000	0 3000
18 69	1 2579	0 9178	1 2579	0 9178	0 3000	0 3000
20 70	1 2879	0 9343	1 2879	0 9343	0 3000	0 3000
23 22	1 3245	0 9541	1 3245	0 9541	0 3000	0 3000
25 70	1 3541	0 9697	1 3541	0 9697	0 3000	0 3000
28 70	1 3999	0 9933	1 3999	0 9933	0 3000	0 3000
33 21	1 4054	0 9961	1 4054	0 9961	0 3000	0 3000
35 70	1 4107	0 9989	1 4107	0 9989	0 3000	0 3000
38 19	1 4133	1 0001	1 4133	1 0001	0 3000	0 3000
40 72	1 4120	0 9995	1 4120	0 9995	0 3000	0 3000
45 69	1 4130	1 0000	1 4130	1 0000	0 3000	0 3000
50 70	1 4130	1 0000	1 4130	1 0000	0 3000	0 3000
55 70	1 4130	1 0000	1 4130	1 0000	0 3000	0 3000
102 11	1 4150	1 0010	1 4150	1 0010	0 3000	0 3000
112 13	1 4130	1 0000	1 4130	1 0000	0 3000	0 3000
122 12	1 4155	1 0013	1 4155	1 0013	0 3000	0 3000
132 12	1 4182	1 0026	1 4182	1 0026	0 3000	0 3000
142 14	1 4143	1 0006	1 4143	1 0006	0 3000	0 3000
152 12	1 4147	1 0009	1 4147	1 0009	0 3000	0 3000

M (NOMINAL)= 1 4

X= 710 MM T0= 292 0 K DEL 995= 34 1 MM
RE/M= 3 61*10^6 (MEASURED P) ME=1 414 (MEASURED P)

	CONST PN		MEASURED P			
V (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3000	0 3000
0 69	0 7100	0 5662	0 7100	0 5662	0 3000	0 3000
0 89	0 7423	0 5895	0 7423	0 5895	0 3000	0 3000
1 09	0 7657	0 6061	0 7657	0 6061	0 3000	0 3000
1 30	0 7886	0 6223	0 7886	0 6223	0 3000	0 3000
1 49	0 8004	0 6361	0 8004	0 6361	0 3000	0 3000
1 70	0 8214	0 6451	0 8214	0 6451	0 3000	0 3000
2 19	0 8566	0 6693	0 8566	0 6693	0 3000	0 3000
2 71	0 8868	0 6892	0 8868	0 6892	0 3000	0 3000
3 19	0 9067	0 7030	0 9067	0 7030	0 3000	0 3000
3 71	0 9314	0 7194	0 9314	0 7194	0 3000	0 3000
4 69	0 9610	0 7387	0 9610	0 7387	0 3000	0 3000
6 69	1 0167	0 7744	1 0167	0 7744	0 3000	0 3000
8 70	1 0626	0 8031	1 0626	0 8031	0 3000	0 3000
10 69	1 1093	0 8315	1 1093	0 8315	0 3000	0 3000
12 69	1 1499	0 8556	1 1499	0 8556	0 3000	0 3000
14 69	1 1868	0 8771	1 1868	0 8771	0 3000	0 3000
16 69	1 2223	0 8974	1 2223	0 8974	0 3000	0 3000
18 69	1 2568	0 9167	1 2568	0 9167	0 3000	0 3000
20 70	1 2867	0 9332	1 2867	0 9332	0 3000	0 3000
23 19	1 3287	0 9515	1 3287	0 9515	0 3000	0 3000
25 70	1 3528	0 9685	1 3528	0 9685	0 3000	0 3000
28 20	1 3777	0 9814	1 3777	0 9814	0 3000	0 3000
30 70	1 3953	0 9985	1 3953	0 9985	0 3000	0 3000
33 21	1 4061	0 9968	1 4061	0 9968	0 3000	0 3000
35 69	1 4113	0 9986	1 4113	0 9986	0 3000	0 3000
38 20	1 4117	0 9989	1 4117	0 9989	0 3000	0 3000
40 73	1 4130	0 9995	1 4130	0 9995	0 3000	0 3000
45 71	1 4140	1 0000	1 4140	1 0000	0 3000	0 3000
50 70	1 4129	0 9994	1 4129	0 9994	0 3000	0 3000
55 71	1 4114	0 9987	1 4114	0 9987	0 3000	0 3000
60 71	1 4091	0 9975	1 4091	0 9975	0 3000	0 3000
102 11	1 4137	0 9999	1 4137	0 9999	0 3000	0 3000
112 11	1 4126	0 9993	1 4126	0 9993	0 3000	0 3000
122 12	1 4127	0 9994	1 4127	0 9994	0 3000	0 3000
132 12	1 4143	1 0001	1 4143	1 0001	0 3000	0 3000
142 15	1 4144	1 0002	1 4144	1 0002	0 3000	0 3000
152 12	1 4144	1 0002	1 4144	1 0002	0 3000	0 3000
162 13	1 4113	0 9986	1 4113	0 9986	0 3000	0 3000

M (NOMINAL)= 1 4

X= 720 MM T0= 291 2 K DEL 995= 38 7 MM
RE/M= 3 64*10^6 (MEASURED P) ME=1 395 (MEASURED P)

	CONST PN		MEASURED P			
V (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3161	0 3161
0 69	0 6842	0 5528	0 6842	0 5528	0 3161	0 3161
0 89	0 7133	0 5741	0 7133	0 5741	0 3161	0 3161
1 09	0 7324	0 5888	0 7324	0 5888	0 3161	0 3161
1 29	0 7565	0 6055	0 7565	0 6055	0 3161	0 3161
1 50	0 7751	0 6187	0 7751	0 6187	0 3161	0 3161
1 69	0 7882	0 6281	0 7882	0 6281	0 3161	0 3161
2 21	0 8182	0 6492	0 8182	0 6492	0 3161	0 3161
2 69	0 8440	0 6671	0 8440	0 6671	0 3161	0 3161
3 20	0 8664	0 6826	0 8664	0 6826	0 3161	0 3161
3 69	0 8847	0 6951	0 8847	0 6951	0 3161	0 3161
4 70	0 9154	0 7158	0 9154	0 7158	0 3161	0 3161
6 69	0 9741	0 7545	0 9741	0 7545	0 3161	0 3161
8 72	1 0167	0 7828	1 0167	0 7828	0 3161	0 3161
10 69	1 0588	0 8085	1 0588	0 8085	0 3161	0 3161
12 70	1 0945	0 8306	1 0945	0 8306	0 3161	0 3161
14 69	1 1297	0 8519	1 1297	0 8519	0 3161	0 3161
16 70	1 1672	0 8742	1 1672	0 8742	0 3161	0 3161
18 75	1 1989	0 8927	1 1989	0 8927	0 3161	0 3161
20 71	1 2251	0 9078	1 2251	0 9078	0 3161	0 3161
23 19	1 2633	0 9293	1 2633	0 9293	0 3161	0 3161
25 69	1 2987	0 9489	1 2987	0 9489	0 3161	0 3161
28 20	1 3272	0 9643	1 3272	0 9643	0 3161	0 3161
30 72	1 3513	0 9772	1 3513	0 9772	0 3161	0 3161
33 20	1 3727	0 9884	1 3727	0 9884	0 3161	0 3161
35 72	1 3861	0 9954	1 3861	0 9954	0 3161	0 3161
38 19	1 3914	0 9981	1 3914	0 9981	0 3161	0 3161
40 69	1 3937	0 9993	1 3937	0 9993	0 3161	0 3161
44 71	1 3950	1 0000	1 3950	1 0000	0 3161	0 3161
50 73	1 3979	1 0015	1 3979	1 0015	0 3161	0 3161
55 70	1 3978	1 0014	1 3978	1 0014	0 3161	0 3161
102 11	1 4006	1 0029	1 4006	1 0029	0 3161	0 3161
112 11	1 4004	1 0028	1 4004	1 0028	0 3161	0 3161
122 13	1 3977	1 0014	1 3977	1 0014	0 3161	0 3161
132 14	1 4009	1 0030	1 4009	1 0030	0 3161	0 3161
142 13	1 3998	1 0021	1 3998	1 0021	0 3161	0 3161
152 15	1 4016	1 0034	1 4016	1 0034	0 3161	0 3161

M (NOMINAL)= 1 4

X= 722 MM T0= 298 7 K DEL 995= 39 4 MM
RE/M= 3 67*10 6 (MEASURED P) ME=1 377 (MEASURED P

	CONST PN		MEASURED P			
V (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3261	0 3261
0 69	0 6528	0 5345	0 6528	0 5345	0 3261	0 3261
0 89	0 6811	0 5557	0 6811	0 5557	0 3261	0 3261
1 09	0 6999	0 5697	0 6999	0 5697	0 3261	0 3261
1 31	0 7202	0 5846	0 7202	0 5846	0 3261	0 3261
1 51	0 7383	0 5988	0 7383	0 5988	0 3261	0 3261
1 69	0 7539	0 6093	0 7539	0 6093	0 3261	0 3261
2 20	0 7952	0 6318	0 7952	0 6318	0 3261	0 3261
2 69	0 8302	0 6482	0 8302	0 6482	0 3261	0 3261
3 19	0 8523	0 6652	0 8523	0 6652	0 3261	0 3261
3 71	0 8518	0 6789	0 8518	0 6789	0 3261	0 3261
4 71	0 8868	0 7025	0 8868	0 7025	0 3261	0 3261
6 70	0 9382	0 7378	0 9382	0 7378	0 3261	0 3261
8 69	0 9837	0 7688	0 9837	0 7688	0 3261	0 3261
10 69	1 0228	0 7933	1 0228	0 7933	0 3261	0 3261
12 69	1 0592	0 8164	1 0592	0 8164	0 3261	0 3261
14 69	1 0943	0 8383	1 0943	0 8383	0 3261	0 3261
16 70	1 1287	0 8605	1 1287	0 8605	0 3261	0 3261
18 71	1 1604	0 8784	1 1604	0 8784	0 3261	0 3261
20 73	1 1954	0 8991	1 1954	0 8991	0 3261	0 3261
23 19	1 2388	0 9196	1 2388	0 9196	0 3261	0 3261
25 69	1 2655	0 9393	1 2655	0 9393	0 3261	0 3261
28 21	1 2925	0 9543	1 2925	0 9543	0 3261	0 3261
30 70	1 3199	0 9694	1 3199	0 9694	0 3261	0 3261
33 22	1 3422	0 9815	1 3422	0 9815	0 3261	0 3261
35 69	1 3568	0 9893	1 3568	0 9893	0 3261	0 3261
38 19	1 3676	0 9951	1 3676	0 9951	0 3261	0 3261
40 71	1 3740	0 9984	1 3740	0 9984	0 3261	0 3261
45 72	1 3770	1 0000	1 3770	1 0000	0 3261	0 3261
50 72	1 3752	0 9991	1 3752	0 9991	0 3261	0 3261
54 70	1 3741	0 9985	1 3741	0 9985	0 3261	0 3261
102 11	1 3727	0 9977	1 3727	0 9977	0 3261	0 3261
112 11	1 3755	0 9992	1 3755	0 9992	0 3261	0 3261
122 15	1 3753	0 9991	1 3753	0 9991	0 3261	0 3261
132 12	1 3718	0 9972	1 3718	0 9972	0 3261	0 3261
142 13	1 3742	0 9985	1 3742	0 9985	0 3261	0 3261
152 14	1 3716	0 9972	1 3716	0 9972	0 3261	0 3261

M (NOMINAL)= 1 4

X=-199 MM T0=298 4 K DEL 995= 39 4 MM
RE/M= 3 67*10^6 (MEASURED P) ME=1 373 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3276	0 3276
0 69	0 6527	0 5355	0 6527	0 5355	0 3276	0 3276
0 90	0 6780	0 5545	0 6780	0 5545	0 3276	0 3276
1 10	0 6990	0 5702	0 6990	0 5702	0 3276	0 3276
1 30	0 7201	0 5858	0 7201	0 5858	0 3276	0 3276
1 51	0 7347	0 5965	0 7347	0 5965	0 3276	0 3276
1 69	0 7492	0 6072	0 7492	0 6072	0 3276	0 3276
2 19	0 7799	0 6293	0 7799	0 6293	0 3276	0 3276
2 69	0 8062	0 6482	0 8062	0 6482	0 3276	0 3276
3 20	0 8271	0 6630	0 8271	0 6630	0 3276	0 3276
3 72	0 8458	0 6761	0 8458	0 6761	0 3276	0 3276
4 71	0 8790	0 6992	0 8790	0 6992	0 3276	0 3276
6 70	0 9313	0 7348	0 9313	0 7348	0 3276	0 3276
8 70	0 9772	0 7653	0 9772	0 7653	0 3276	0 3276
10 70	1 0159	0 7985	1 0159	0 7985	0 3276	0 3276
12 70	1 0546	0 8152	1 0546	0 8152	0 3276	0 3276
14 70	1 0871	0 8356	1 0871	0 8356	0 3276	0 3276
16 70	1 1186	0 8550	1 1186	0 8550	0 3276	0 3276
18 71	1 1548	0 8770	1 1548	0 8770	0 3276	0 3276
20 73	1 1868	0 8960	1 1868	0 8960	0 3276	0 3276
23 25	1 2262	0 9189	1 2262	0 9189	0 3276	0 3276
25 69	1 2579	0 9370	1 2579	0 9370	0 3276	0 3276
28 20	1 2887	0 9543	1 2887	0 9543	0 3276	0 3276
30 70	1 3146	0 9686	1 3146	0 9686	0 3276	0 3276
33 24	1 3376	0 9811	1 3376	0 9811	0 3276	0 3276
35 72	1 3546	0 9902	1 3546	0 9902	0 3276	0 3276
38 20	1 3649	0 9957	1 3649	0 9957	0 3276	0 3276
40 70	1 3701	0 9985	1 3701	0 9985	0 3276	0 3276
45 71	1 3718	0 9993	1 3718	0 9993	0 3276	0 3276
50 70	1 3730	1 0000	1 3730	1 0000	0 3276	0 3276
55 69	1 3737	1 0004	1 3737	1 0004	0 3276	0 3276
102 11	1 3693	0 9980	1 3693	0 9980	0 3276	0 3276
112 12	1 3720	0 9995	1 3720	0 9995	0 3276	0 3276
122 15	1 3714	0 9991	1 3714	0 9991	0 3276	0 3276
132 12	1 3668	0 9967	1 3668	0 9967	0 3276	0 3276
142 12	1 3675	0 9971	1 3675	0 9971	0 3276	0 3276
152 12	1 3692	0 9980	1 3692	0 9980	0 3276	0 3276

M (NOMINAL)= 1 4

X=-173 MM T0=289 9 K DEL 995= 39 2 MM
RE/M= 3 60*10^6 (MEASURED P) ME=1 370 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3299	0 3299
0 69	0 6487	0 5333	0 6487	0 5333	0 3299	0 3299
0 89	0 6697	0 5491	0 6697	0 5491	0 3299	0 3299
1 09	0 6912	0 5653	0 6912	0 5653	0 3299	0 3299
1 29	0 7129	0 5815	0 7129	0 5815	0 3299	0 3299
1 49	0 7243	0 5899	0 7243	0 5899	0 3299	0 3299
1 71	0 7453	0 6053	0 7453	0 6053	0 3299	0 3299
2 19	0 7786	0 6237	0 7786	0 6237	0 3299	0 3299
2 69	0 7939	0 6404	0 7939	0 6404	0 3299	0 3299
3 19	0 8147	0 6553	0 8147	0 6553	0 3299	0 3299
3 70	0 8345	0 6692	0 8345	0 6692	0 3299	0 3299
4 72	0 8669	0 6919	0 8669	0 6919	0 3299	0 3299
6 69	0 9238	0 7303	0 9238	0 7303	0 3299	0 3299
8 70	0 9676	0 7682	0 9676	0 7682	0 3299	0 3299
10 70	1 0059	0 7953	1 0059	0 7953	0 3299	0 3299
12 70	1 0405	0 8076	1 0405	0 8076	0 3299	0 3299
14 69	1 0796	0 8322	1 0796	0 8322	0 3299	0 3299
16 69	1 1156	0 8545	1 1156	0 8545	0 3299	0 3299
18 69	1 1463	0 8732	1 1463	0 8732	0 3299	0 3299
20 70	1 1783	0 8924	1 1783	0 8924	0 3299	0 3299
23 19	1 2146	0 9137	1 2146	0 9137	0 3299	0 3299
25 69	1 2588	0 9345	1 2588	0 9345	0 3299	0 3299
28 21	1 2798	0 9504	1 2798	0 9504	0 3299	0 3299
30 70	1 3074	0 9661	1 3074	0 9661	0 3299	0 3299
33 21	1 3312	0 9792	1 3312	0 9792	0 3299	0 3299
35 73	1 3514	0 9901	1 3514	0 9901	0 3299	0 3299
38 19	1 3616	0 9956	1 3616	0 9956	0 3299	0 3299
40 72	1 3674	0 9986	1 3674	0 9986	0 3299	0 3299
45 73	1 3708	1 0008	1 3708	1 0008	0 3299	0 3299
50 69	1 3699	0 9999	1 3699	0 9999	0 3299	0 3299
55 70	1 3703	1 0001	1 3703	1 0001	0 3299	0 3299
102 11	1 3675	0 9987	1 3675	0 9987	0 3299	0 3299
112 12	1 3663	0 9980	1 3663	0 9980	0 3299	0 3299
122 12	1 3611	0 9953	1 3611	0 9953	0 3299	0 3299
132 12	1 3637	0 9966	1 3637	0 9966	0 3299	0 3299
142 14	1 3670	0 9984	1 3670	0 9984	0 3299	0 3299
152 11	1 3637	0 9966	1 3637	0 9966	0 3299	0 3299

M (NOMINAL)= 1 4

X=-148 MM T0=292 5 K DEL 995= 40 4 MM
RE/M= 3 65*10^6 (MEASURED P) ME=1 350 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3377	0 3377
0 69	0 6236	0 5197	0 6236	0 5197	0 3377	0 3377
0 89	0 6469	0 5377	0 6469	0 5377	0 3377	0 3377
1 10	0 6647	0 5513	0 6647	0 5513	0 3377	0 3377
1 29	0 6809	0 5636	0 6809	0 5636	0 3377	0 3377
1 49	0 6973	0 5760	0 6973	0 5760	0 3377	0 3377
1 72	0 7162	0 5902	0 7162	0 5902	0 3377	0 3377
2 19	0 7486	0 6083	0 7486	0 6083	0 3377	0 3377
2 94	0 7783	0 6360	0 7783	0 6360	0 3377	0 3377
3 35	0 7891	0 6438	0 7891	0 6438	0 3377	0 3377
3 83	0 8103	0 6592	0 8103	0 6592	0 3377	0 3377
4 82	0 8467	0 6852	0 8467	0 6852	0 3377	0 3377
6 73	0 8928	0 7174	0 8928	0 7174	0 3377	0 3377
8 73	0 9349	0 7463	0 9349	0 7463	0 3377	0 3377
10 69	0 9886	0 7771	0 9886	0 7771	0 3377	0 3377
12 70	1 0155	0 8000	1 0155	0 8000	0 3377	0 3377
14 71	1 0499	0 8223	1 0499	0 8223	0 3377	0 3377
16 73	1 0846	0 8444	1 0846	0 8444	0 3377	0 3377
18 69	1 1216	0 8675	1 1216	0 8675	0 3377	0 3377
20 70	1 1474	0 8833	1 1474	0 8833	0 3377	0 3377
23 41	1 1986	0 9093	1 1986	0 9093	0 3377	0 3377
25 69	1 2227	0 9283	1 2227	0 9283	0 3377	0 3377
28 19	1 2536	0 9462	1 2536	0 9462	0 3377	0 3377
30 71	1 2847	0 9638	1 2847	0 9638	0 3377	0 3377
33 20	1 3103	0 9782	1 3103	0 9782	0 3377	0 3377
35 70	1 3284	0 9882	1 3284	0 9882	0 3377	0 3377
38 20	1 3412	0 9952	1 3412	0 9952	0 3377	0 3377
40 70	1 3442	0 9968	1 3442	0 9968	0 3377	0 3377
45 72	1 3507	1 0004	1 3507	1 0004	0 3377	0 3377
51 11	1 3508	1 0000	1 3508	1 0000	0 3377	0 3377
55 69	1 3493	0 9996	1 3493	0 9996	0 3377	0 3377
102 11	1 3443	0 9969	1 3443	0 9969	0 3377	0 3377
112 11	1 3431	0 9963	1 3431	0 9963	0 3377	0 3377
122 12	1 3424	0 9959	1 3424	0 9959	0 3377	0 3377
132 13	1 3439	0 9967	1 3439	0 9967	0 3377	0 3377
142 12	1 3438	0 9962	1 3438	0 9962	0 3377	0 3377
152 53	1 3427	0 9960	1 3427	0 9960	0 3377	0 3377

M (NOMINAL)= 1 4

X=-123 MM T0=294 5 K DEL 995= 39 9 MM
RE/M= 3 61*10^6 (MEASURED P) ME=1 379 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3679	0 3679
0 69	0 5194	0 4557	0 5194	0 4557	0 3679	0 3679
0 89	0 5349	0 4686	0 5349	0 4686	0 3679	0 3679
1 09	0 5514	0 4839	0 5514	0 4839	0 3679	0 3679
1 29	0 5717	0 4989	0 5717	0 4989	0 3679	0 3679
1 49	0 5832	0 5085	0 5832	0 5085	0 3679	0 3679
1 71	0 6004	0 5223	0 6004	0 5223	0 3679	0 3679
2 20	0 6337	0 5492	0 6337	0 5492	0 3679	0 3679
2 71	0 6561	0 5671	0 6561	0 5671	0 3679	0 3679
3 20	0 6813	0 5870	0 6813	0 5870	0 3679	0 3679
3 70	0 7029	0 6033	0 7029	0 6033	0 3679	0 3679
4 70	0 7313	0 6261	0 7313	0 6261	0 3679	0 3679
6 70	0 7917	0 6722	0 7917	0 6722	0 3679	0 3679
8 72	0 8408	0 7089	0 8408	0 7089	0 3679	0 3679
10 95	0 8927	0 7468	0 8927	0 7468	0 3679	0 3679
12 70	0 9316	0 7746	0 9316	0 7746	0 3679	0 3679
14 69	0 9647	0 7979	0 9647	0 7979	0 3679	0 3679
16 75	0 9943	0 8183	0 9941	0 8185	0 3679	0 3679
18 72	1 0336	0 8450	1 0336	0 8450	0 3679	0 3679
20 69	1 0664	0 8670	1 0664	0 8670	0 3679	0 3679
23 19	1 1021	0 8904	1 1021	0 8904	0 3679	0 3679
25 69	1 1429	0 9167	1 1429	0 9167	0 3679	0 3679
28 21	1 1734	0 9358	1 1734	0 9358	0 3679	0 3679
30 69	1 2065	0 9564	1 2065	0 9564	0 3679	0 3679
33 24	1 2346	0 9735	1 2346	0 9735	0 3679	0 3679
35 70	1 2549	0 9857	1 2549	0 9857	0 3679	0 3679
38 22	1 2698	0 9941	1 2698	0 9941	0 3679	0 3679
40 74	1 2778	0 9988	1 2778	0 9988	0 3679	0 3679
45 72	1 2828	1 0023	1 2828	1 0023	0 3679	0 3679
50 72	1 2790	1 0000	1 2790	1 0000	0 3679	0 3679
55 71	1 2793	1 0001	1 2793	1 0001	0 3679	0 3679
102 11	1 2717	0 9957	1 2717	0 9957	0 3679	0 3679
112 37	1 2720	0 9958	1 2720	0 9958	0 3679	0 3679
122 11	1 2698	0 9946	1 2698	0 9946	0 3679	0 3679
132 11	1 2782	0 9948	1 2782	0 9948	0 3679	0 3679
142 16	1 2698	0 9941	1 2698	0 9941	0 3679	0 3679
152 14	1 2782	0 9948	1 2782	0 9948	0 3679	0 3679

M (NOMINAL)= 1.4

X=-101 MM T0=292.4 K DEL 995= 41.5 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.232 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3939	0.3939
0.69	0.4398	0.3992	0.4398	0.3992	0.3939	0.3939
0.89	0.4498	0.4087	0.4498	0.4087	0.3939	0.3939
1.11	0.4658	0.4226	0.4658	0.4226	0.3939	0.3939
1.30	0.4775	0.4328	0.4775	0.4328	0.3939	0.3939
1.50	0.4891	0.4428	0.4891	0.4428	0.3939	0.3939
1.69	0.4979	0.4503	0.4979	0.4503	0.3939	0.3939
2.19	0.5187	0.4786	0.5187	0.4786	0.3939	0.3939
2.69	0.5346	0.4989	0.5346	0.4989	0.3939	0.3939
3.19	0.5716	0.5133	0.5716	0.5133	0.3939	0.3939
3.78	0.6826	0.5392	0.6826	0.5392	0.3939	0.3939
4.71	0.6296	0.5616	0.6296	0.5616	0.3939	0.3939
6.71	0.7886	0.6136	0.7886	0.6136	0.3939	0.3939
8.74	0.7491	0.6504	0.7491	0.6504	0.3939	0.3939
10.69	0.7789	0.6816	0.7789	0.6816	0.3939	0.3939
12.69	0.8358	0.7250	0.8358	0.7250	0.3939	0.3939
14.71	0.8769	0.7566	0.8769	0.7566	0.3939	0.3939
16.70	0.9055	0.7778	0.9055	0.7778	0.3939	0.3939
18.72	0.9538	0.8124	0.9538	0.8124	0.3939	0.3939
20.69	0.9881	0.8375	0.9881	0.8375	0.3939	0.3939
23.19	1.0314	0.8680	1.0314	0.8680	0.3939	0.3939
25.69	1.0626	0.8894	1.0626	0.8894	0.3939	0.3939
28.19	1.1049	0.9188	1.1049	0.9188	0.3939	0.3939
30.70	1.1423	0.9427	1.1423	0.9427	0.3939	0.3939
33.22	1.1662	0.9583	1.1662	0.9583	0.3939	0.3939
35.69	1.1942	0.9762	1.1942	0.9762	0.3939	0.3939
38.21	1.2144	0.9898	1.2144	0.9898	0.3939	0.3939
40.71	1.2256	0.9960	1.2256	0.9960	0.3939	0.3939
45.69	1.2311	0.9995	1.2311	0.9995	0.3939	0.3939
50.72	1.2320	1.0000	1.2320	1.0000	0.3939	0.3939
56.13	1.2318	0.9998	1.2318	0.9998	0.3939	0.3939
60.87	1.2292	0.9982	1.2292	0.9982	0.3939	0.3939
65.74	1.2295	0.9985	1.2295	0.9985	0.3939	0.3939
102.11	1.2164	0.9982	1.2164	0.9982	0.3939	0.3939
112.11	1.2161	0.9981	1.2161	0.9981	0.3939	0.3939
122.11	1.2170	0.9986	1.2170	0.9986	0.3939	0.3939
132.12	1.2160	0.9980	1.2160	0.9980	0.3939	0.3939
142.13	1.2170	0.9986	1.2170	0.9986	0.3939	0.3939
152.14	1.2160	0.9980	1.2160	0.9980	0.3939	0.3939
162.29	1.2160	0.9985	1.2160	0.9985	0.3939	0.3939

M (NOMINAL)= 1.4

X=-76 MM T0=292.2 K DEL 995= 44.3 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.194 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4154	0.4154
0.69	0.3648	0.3418	0.3648	0.3418	0.4154	0.4154
0.89	0.3828	0.3582	0.3828	0.3582	0.4154	0.4154
1.10	0.3958	0.3693	0.3958	0.3693	0.4154	0.4154
1.29	0.4046	0.3788	0.4046	0.3788	0.4154	0.4154
1.49	0.4183	0.3831	0.4183	0.3831	0.4154	0.4154
1.70	0.4191	0.3911	0.4191	0.3911	0.4154	0.4154
2.19	0.4352	0.4056	0.4352	0.4056	0.4154	0.4154
2.70	0.4612	0.4289	0.4612	0.4289	0.4154	0.4154
3.19	0.4758	0.4411	0.4758	0.4411	0.4154	0.4154
3.71	0.4935	0.4575	0.4935	0.4575	0.4154	0.4154
4.70	0.5352	0.4941	0.5352	0.4941	0.4154	0.4154
5.69	0.5852	0.5375	0.5852	0.5375	0.4154	0.4154
6.69	0.6697	0.6091	0.6697	0.6091	0.4154	0.4154
10.70	0.7182	0.6426	0.7182	0.6426	0.4154	0.4154
12.69	0.7468	0.6726	0.7468	0.6726	0.4154	0.4154
14.72	0.7911	0.7081	0.7911	0.7081	0.4154	0.4154
16.70	0.8142	0.7264	0.8142	0.7264	0.4154	0.4154
18.71	0.8677	0.7688	0.8677	0.7688	0.4154	0.4154
20.69	0.8935	0.7877	0.8935	0.7877	0.4154	0.4154
23.19	0.9412	0.8236	0.9412	0.8236	0.4154	0.4154
25.69	0.9822	0.8538	0.9822	0.8538	0.4154	0.4154
28.17	1.0304	0.8885	1.0304	0.8885	0.4154	0.4154
30.75	1.0645	0.9125	1.0645	0.9125	0.4154	0.4154
33.38	1.0968	0.9349	1.0968	0.9349	0.4154	0.4154
35.69	1.1258	0.9547	1.1258	0.9547	0.4154	0.4154
38.24	1.1529	0.9729	1.1529	0.9729	0.4154	0.4154
40.71	1.1762	0.9883	1.1762	0.9883	0.4154	0.4154
45.71	1.1938	0.9994	1.1938	0.9994	0.4154	0.4154
50.71	1.1964	1.0016	1.1964	1.0016	0.4154	0.4154
56.43	1.1940	1.0000	1.1940	1.0000	0.4154	0.4154
60.77	1.1944	1.0002	1.1944	1.0002	0.4154	0.4154
70.75	1.1916	0.9984	1.1916	0.9984	0.4154	0.4154
80.69	1.1907	0.9978	1.1907	0.9978	0.4154	0.4154
90.70	1.1846	0.9938	1.1846	0.9938	0.4154	0.4154
102.11	1.1881	0.9989	1.1881	0.9989	0.4154	0.4154
112.12	1.1760	0.9882	1.1760	0.9882	0.4154	0.4154
122.11	1.1757	0.9880	1.1757	0.9880	0.4154	0.4154
132.15	1.1743	0.9871	1.1743	0.9871	0.4154	0.4154
142.13	1.1659	0.9816	1.1659	0.9816	0.4154	0.4154
152.13	1.1743	0.9871	1.1743	0.9871	0.4154	0.4154
162.19	1.1713	0.9851	1.1713	0.9851	0.4154	0.4154
172.17	1.1731	0.9863	1.1731	0.9863	0.4154	0.4154
182.11	1.1731	0.9863	1.1731	0.9863	0.4154	0.4154
192.12	1.1723	0.9857	1.1723	0.9857	0.4154	0.4154

M (NOMINAL)= 1.4

X=-50 MM T0=292.3 K DEL 995= 49.1 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.155 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4372	0.4372
0.69	0.3094	0.2907	0.3094	0.2907	0.4372	0.4372
0.90	0.3005	0.2903	0.3005	0.2903	0.4372	0.4372
1.09	0.3247	0.3131	0.3247	0.3131	0.4372	0.4372
1.29	0.3276	0.3158	0.3276	0.3158	0.4372	0.4372
1.50	0.3314	0.3214	0.3314	0.3214	0.4372	0.4372
1.69	0.3386	0.3283	0.3386	0.3283	0.4372	0.4372
2.19	0.3594	0.3458	0.3594	0.3458	0.4372	0.4372
2.70	0.3722	0.3578	0.3722	0.3578	0.4372	0.4372
3.19	0.3825	0.3674	0.3825	0.3674	0.4372	0.4372
3.69	0.3945	0.3786	0.3945	0.3786	0.4372	0.4372
4.69	0.4264	0.4082	0.4264	0.4082	0.4372	0.4372
5.70	0.4527	0.4329	0.4527	0.4329	0.4372	0.4372
6.70	0.5547	0.5247	0.5547	0.5247	0.4372	0.4372
10.69	0.5962	0.5642	0.5962	0.5642	0.4372	0.4372
12.70	0.6264	0.5925	0.6264	0.5925	0.4372	0.4372
14.69	0.6601	0.6256	0.6601	0.6256	0.4372	0.4372
16.70	0.6956	0.6591	0.6956	0.6591	0.4372	0.4372
20.70	0.7717	0.7315	0.7717	0.7315	0.4372	0.4372
25.70	0.8604	0.8159	0.8604	0.8159	0.4372	0.4372
30.79	0.9387	0.8896	0.9387	0.8896	0.4372	0.4372
35.69	1.0549	0.9997	1.0549	0.9997	0.4372	0.4372
40.71	1.1182	0.9698	1.1182	0.9698	0.4372	0.4372
45.69	1.1414	0.9906	1.1414	0.9906	0.4372	0.4372
50.70	1.1559	1.0006	1.1559	1.0006	0.4372	0.4372
55.82	1.1559	1.0006	1.1559	1.0006	0.4372	0.4372
60.71	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
70.83	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
80.69	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
91.87	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
102.11	1.1538	0.9992	1.1538	0.9992	0.4372	0.4372
112.11	1.1528	0.9979	1.1528	0.9979	0.4372	0.4372
122.12	1.1441	0.9926	1.1441	0.9926	0.4372	0.4372
127.12	1.1438	0.9923	1.1438	0.9923	0.4372	0.4372
132.21	1.1386	0.9887	1.1386	0.9887	0.4372	0.4372
137.11	1.1328	0.9847	1.1328	0.9847	0.4372	0.4372
142.13	1.1327	0.9847	1.1327	0.9847	0.4372	0.4372
152.12	1.1325	0.9845	1.1325	0.9845	0.4372	0.4372
162.13	1.1294	0.9823	1.1294	0.9823	0.4372	0.4372
182.11	1.1386	0.9832	1.1386	0.9832	0.4372	0.4372
192.44	1.1295	0.9824	1.1295	0.9824	0.4372	0.4372

M (NOMINAL)= 1.4

X=-27 MM T0=292.0 K DEL 995= 5.4 MM
RE/M= 3.62*10^6 (MEASURED P) ME=1.129 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4525	0.4525
0.69	0.2749	0.2787	0.2749	0.2787	0.4525	0.4525
0.90	0.2626	0.2588	0.2626	0.2588	0.4525	0.4525
1.09	0.2688	0.2648	0.2688	0.2648	0.4525	0.4525
1.30	0.2886	0.2842	0.2886	0.2842	0.4525	0.4525
1.50	0.2974	0.2925	0.2974	0.2925	0.4525	0.4525
1.70	0.2766	0.2726	0.2766	0.2726	0.4525	0.4525
2.19	0.2979	0.2938	0.2979	0.2938	0.4525	0.4525
2.70	0.3866	0.3814	0.3866	0.3814	0.4525	0.4525
3.19	0.3337	0.3288	0.3337	0.3288	0.4525	0.4525
3.72	0.3262	0.3299	0.3262	0.3299	0.4525	0.4525
4.71	0.3465	0.3397	0.3465	0.3397	0.4525	0.4525
5.69	0.3551	0.3503	0.3551	0.3503	0.4525	0.4525
6.69	0.4166	0.4254	0.4166	0.4254	0.4525	0.4525
10.69	0.4911	0.4668	0.4911	0.4668	0.4525	0.4525
12.69	0.5458	0.5401	0.5458	0.5401	0.4525	0.4525
14.71	0.5864	0.5776	0.5864	0.5776	0.4525	0.4525
16.69	0.6248	0.6187	0.6248	0.6187	0.4525	0.4525
18.71	0.6734	0.6698	0.6734	0.6698	0.4525	0.4525
20.69	0.7275	0.6865	0.7275	0.6865	0.4525	0.4525
25.69	0.8194	0.7614	0.8194	0.7614	0.4525	0.4525
30.81	0.8946	0.8242	0.8946	0.8242	0.4525	0.4525
35.69	0.9729	0.8852	0.9729	0.8852	0.4525	0.4525
40.76	1.0541	0.9462	1.0541	0.9462	0.4525	0.4525
45.71	1.1066	0.9799	1.1066	0.9799	0.4525	0.4525
50.69	1.1295	0.9948	1.1295	0.9948	0.4525	0.4525
55.78	1.1298	1.0000	1.1298	1.0000	0.4525	0.4525
60.74	1.1311	1.0015	1.1311	1.0015	0.4525	0.4525
70.76	1.1302	1.0009	1.1302	1.0009	0.4525	0.4525
80.76	1.1295	1.0002	1.1295	1.0002	0.4525	0.4525
90.44	1.1288	0.9998	1.1288	0.9998	0.4525	0.4525
100.65	1.1302	1.0009	1.1302	1.0009	0.4525	0.4525
102.11	1.1315	1.0016	1.1315	1.0016	0.4525	0.4525
112.11	1.1287	0.9998	1.1287	0.9998	0.4525	0.4525
122.11	1.1298	1.0000	1.1298	1.0000	0.4525	0.4525
132.25	1.1298	1.0000	1.1298	1.0000	0.4525	0.4525
142.12	1.1263	0.9981	1.1263	0.9981	0.4525	0.4525
147.13	1.1258	0.9972	1.1258	0.9972	0.4525	0.4525
152.11	1.1184	0.9925	1.1184	0.9925	0.4525	0.4525
157.12	1.1245	0.9968	1.1245	0.9968	0.4525	0.4525
162.16	1.1082	0.9853	1.1082	0.9853	0.4525	0.4525
172.12	1.1037	0.9820	1.1037	0.9820	0.4525	0.4525
182.12	1.1022	0.9810	1.1022	0.9810	0.4525	0.4525
192.36	1.0999	0.9793	1.0999	0.9793	0.4525	0.4525
202.87	1.1027	0.9813	1.1027	0.9813	0.4525	0.4525

Table 1 (continued)

M (NOMINAL)= 1 4

X= 3 MM T0=291 8 K DEL 995= 54 6 MM
RE/M= 3 63*10^6 (MEASURED P) ME=1 103 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4684	0 4684
0 69	0 2382	0 2315	0 2382	0 2315	0 4684	0 4684
0 90	0 2140	0 2153	0 2140	0 2153	0 4684	0 4684
1 09	0 2313	0 2326	0 2313	0 2326	0 4684	0 4684
1 29	0 2298	0 2303	0 2298	0 2303	0 4684	0 4684
1 50	0 2417	0 2429	0 2417	0 2429	0 4684	0 4684
1 69	0 2362	0 2374	0 2362	0 2374	0 4684	0 4684
2 20	0 2408	0 2420	0 2408	0 2420	0 4684	0 4684
2 69	0 2537	0 2548	0 2537	0 2548	0 4684	0 4684
3 22	0 2691	0 2701	0 2691	0 2701	0 4684	0 4684
3 70	0 2675	0 2683	0 2675	0 2683	0 4684	0 4684
4 82	0 2903	0 2910	0 2903	0 2910	0 4684	0 4684
6 70	0 3273	0 3273	0 3273	0 3273	0 4684	0 4684
8 70	0 3637	0 3629	0 3637	0 3629	0 4684	0 4684
10 71	0 4066	0 4044	0 4066	0 4044	0 4684	0 4684
12 83	0 4529	0 4487	0 4529	0 4487	0 4684	0 4684
14 70	0 4868	0 4808	0 4868	0 4808	0 4684	0 4684
16 70	0 5219	0 5231	0 5219	0 5231	0 4684	0 4684
18 69	0 5907	0 5773	0 5907	0 5773	0 4684	0 4684
20 79	0 6146	0 5991	0 6146	0 5991	0 4684	0 4684
25 69	0 7301	0 7016	0 7301	0 7016	0 4684	0 4684
30 69	0 8203	0 7715	0 8203	0 7785	0 4684	0 4684
35 70	0 9010	0 8449	0 9010	0 8449	0 4684	0 4684
40 84	0 9937	0 9100	0 9937	0 9100	0 4684	0 4684
45 75	1 0421	0 9549	1 0421	0 9549	0 4684	0 4684
50 74	1 0836	0 9858	1 0836	0 9858	0 4684	0 4684
55 72	1 1027	0 9998	1 1027	0 9998	0 4684	0 4684
60 70	1 1030	1 0000	1 1030	1 0000	0 4684	0 4684
70 71	1 1042	1 0009	1 1042	1 0009	0 4684	0 4684
80 70	1 1042	1 0009	1 1042	1 0009	0 4684	0 4684
90 70	1 1031	1 0001	1 1031	1 0001	0 4684	0 4684
100 67	1 1031	1 0001	1 1031	1 0001	0 4684	0 4684
102 11	1 1030	1 0000	1 1030	1 0000	0 4684	0 4684
112 13	1 1029	0 9999	1 1029	0 9999	0 4684	0 4684
122 21	1 1030	1 0000	1 1030	1 0000	0 4684	0 4684
132 11	1 1027	0 9998	1 1027	0 9998	0 4684	0 4684
142 26	1 1015	0 9989	1 1015	0 9989	0 4684	0 4684
152 16	1 1027	0 9998	1 1027	0 9998	0 4684	0 4684
162 12	1 0991	0 9972	1 0991	0 9972	0 4684	0 4684
172 13	1 0874	0 9886	1 0874	0 9886	0 4684	0 4684
182 12	1 0826	0 9850	1 0826	0 9850	0 4684	0 4684
192 12	1 0787	0 9822	1 0787	0 9822	0 4684	0 4684
202 09	1 0767	0 9807	1 0767	0 9807	0 4684	0 4684

M (NOMINAL)= 1 4

X= 22 MM T0=291 2 K DEL 995= 57 4 MM
RE/M= 3 67*10^6 (MEASURED P) ME=1 085 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4794	0 4794
0 69	0 1745	0 1702	0 1745	0 1702	0 4794	0 4794
0 89	0 1780	0 1818	0 1780	0 1818	0 4794	0 4794
1 09	0 2018	0 2059	0 2018	0 2059	0 4794	0 4794
1 29	0 1937	0 1977	0 1937	0 1977	0 4794	0 4794
1 51	0 2120	0 2162	0 2120	0 2162	0 4794	0 4794
1 70	0 2056	0 2097	0 2056	0 2097	0 4794	0 4794
2 19	0 2030	0 2071	0 2030	0 2071	0 4794	0 4794
2 71	0 2205	0 2248	0 2205	0 2248	0 4794	0 4794
3 22	0 2242	0 2285	0 2242	0 2285	0 4794	0 4794
3 69	0 2229	0 2272	0 2229	0 2272	0 4794	0 4794
4 69	0 2476	0 2521	0 2476	0 2521	0 4794	0 4794
6 71	0 2757	0 2803	0 2757	0 2803	0 4794	0 4794
8 69	0 3145	0 3191	0 3145	0 3191	0 4794	0 4794
10 70	0 3494	0 3536	0 3494	0 3536	0 4794	0 4794
12 71	0 3846	0 3883	0 3846	0 3883	0 4794	0 4794
14 69	0 4319	0 4345	0 4319	0 4345	0 4794	0 4794
16 69	0 4779	0 4788	0 4779	0 4788	0 4794	0 4794
18 70	0 5183	0 5172	0 5183	0 5172	0 4794	0 4794
20 73	0 5682	0 5567	0 5682	0 5567	0 4794	0 4794
25 71	0 6548	0 6438	0 6548	0 6438	0 4794	0 4794
30 70	0 7458	0 7248	0 7458	0 7248	0 4794	0 4794
35 71	0 8461	0 8107	0 8461	0 8107	0 4794	0 4794
40 72	0 9208	0 8781	0 9208	0 8781	0 4794	0 4794
45 69	0 9997	0 9349	0 9997	0 9349	0 4794	0 4794
50 73	1 0469	0 9713	1 0469	0 9713	0 4794	0 4794
55 69	1 0774	0 9943	1 0774	0 9943	0 4794	0 4794
60 69	1 0835	0 9989	1 0835	0 9989	0 4794	0 4794
70 71	1 0850	1 0000	1 0850	1 0000	0 4794	0 4794
80 71	1 0841	0 9994	1 0841	0 9994	0 4794	0 4794
90 99	1 0848	0 9998	1 0848	0 9998	0 4794	0 4794
100 64	1 0841	0 9994	1 0841	0 9994	0 4794	0 4794
102 11	1 0821	0 9978	1 0821	0 9978	0 4794	0 4794
112 12	1 0827	0 9983	1 0827	0 9983	0 4794	0 4794
122 15	1 0836	0 9989	1 0836	0 9989	0 4794	0 4794
132 12	1 0830	0 9985	1 0830	0 9985	0 4794	0 4794
142 14	1 0839	0 9992	1 0839	0 9992	0 4794	0 4794
152 15	1 0836	0 9989	1 0836	0 9989	0 4794	0 4794
162 11	1 0823	0 9980	1 0823	0 9980	0 4794	0 4794
172 13	1 0786	0 9952	1 0786	0 9952	0 4794	0 4794
182 13	1 0646	0 9847	1 0646	0 9847	0 4794	0 4794
192 41	1 0616	0 9824	1 0616	0 9824	0 4794	0 4794
202 86	1 0598	0 9811	1 0598	0 9811	0 4794	0 4794

M (NOMINAL)= 1 4

X= 71 MM T0=290 6 K DEL 995= 61 8 MM
RE/M= 3 65*10^6 (MEASURED P) ME=1 055 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4968	0 4968
0 69	0 1826	0 1908	0 1826	0 1908	0 4968	0 4968
0 89	0 1633	0 1787	0 1633	0 1787	0 4968	0 4968
1 09	0 1840	0 1922	0 1840	0 1922	0 4968	0 4968
1 29	0 1693	0 1770	0 1693	0 1770	0 4968	0 4968
1 50	0 1755	0 1832	0 1755	0 1832	0 4968	0 4968
1 69	0 1853	0 1935	0 1853	0 1935	0 4968	0 4968
2 21	0 1646	0 1720	0 1646	0 1720	0 4968	0 4968
2 70	0 1662	0 1737	0 1662	0 1737	0 4968	0 4968
3 20	0 1973	0 2060	0 1973	0 2060	0 4968	0 4968
3 69	0 1879	0 1962	0 1879	0 1962	0 4968	0 4968
4 69	0 2217	0 2312	0 2217	0 2312	0 4968	0 4968
6 69	0 2204	0 2299	0 2204	0 2299	0 4968	0 4968
8 69	0 2625	0 2732	0 2625	0 2732	0 4968	0 4968
10 70	0 2877	0 2991	0 2877	0 2991	0 4968	0 4968
12 69	0 3142	0 3261	0 3142	0 3261	0 4968	0 4968
14 71	0 3498	0 3622	0 3498	0 3622	0 4968	0 4968
16 69	0 3833	0 3959	0 3833	0 3959	0 4968	0 4968
18 69	0 4256	0 4382	0 4256	0 4382	0 4968	0 4968
20 70	0 4571	0 4694	0 4571	0 4694	0 4968	0 4968
25 69	0 5635	0 5727	0 5635	0 5727	0 4968	0 4968
30 70	0 6625	0 6658	0 6625	0 6658	0 4968	0 4968
35 69	0 7646	0 7582	0 7646	0 7582	0 4968	0 4968
40 75	0 8426	0 8264	0 8426	0 8264	0 4968	0 4968
45 82	0 9169	0 8891	0 9169	0 8891	0 4968	0 4968
50 92	0 9866	0 9461	0 9866	0 9461	0 4968	0 4968
55 69	1 0278	0 9787	1 0278	0 9787	0 4968	0 4968
60 73	1 0513	0 9971	1 0513	0 9971	0 4968	0 4968
70 73	1 0550	1 0000	1 0550	1 0000	0 4968	0 4968
80 85	1 0550	1 0000	1 0550	1 0000	0 4968	0 4968
90 71	1 0551	1 0001	1 0551	1 0001	0 4968	0 4968
100 68	1 0566	1 0012	1 0566	1 0012	0 4968	0 4968
102 11	1 0552	1 0002	1 0552	1 0002	0 4968	0 4968
112 12	1 0542	0 9993	1 0542	0 9993	0 4968	0 4968
122 12	1 0535	0 9989	1 0535	0 9989	0 4968	0 4968
132 12	1 0537	0 9990	1 0537	0 9990	0 4968	0 4968
142 17	1 0537	0 9990	1 0537	0 9990	0 4968	0 4968
152 34	1 0537	0 9990	1 0537	0 9990	0 4968	0 4968
162 15	1 0541	0 9993	1 0541	0 9993	0 4968	0 4968
172 15	1 0517	0 9975	1 0517	0 9975	0 4968	0 4968
182 27	1 0388	0 9868	1 0388	0 9868	0 4968	0 4968
192 13	1 0319	0 9820	1 0319	0 9820	0 4968	0 4968
202 10	1 0322	0 9822	1 0322	0 9822	0 4968	0 4968

M (NOMINAL)= 1 4

X= 120 MM T0=290 1 K DEL 995= 63 4 MM
RE/M= 3 63*10^6 (MEASURED P) ME=1 013 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5104	0 5104
0 69	0 1672	0 1778	0 1672	0 1778	0 5104	0 5104
0 89	0 1829	0 1944	0 1829	0 1944	0 5104	0 5104
1 10	0 1881	0 1999	0 1881	0 1999	0 5104	0 5104
1 30	0 1636	0 1740	0 1636	0 1740	0 5104	0 5104
1 50	0 1652	0 1757	0 1652	0 1757	0 5104	0 5104
1 69	0 1901	0 2022	0 1901	0 2022	0 5104	0 5104
2 20	0 1740	0 1849	0 1740	0 1849	0 5104	0 5104
2 69	0 1757	0 1868	0 1757	0 1868	0 5104	0 5104
3 22	0 1921	0 2041	0 1921	0 2041	0 5104	0 5104
3 70	0 2073	0 2201	0 2073	0 2201	0 5104	0 5104
4 73	0 1999	0 2125	0 1999	0 2125	0 5104	0 5104
6 70	0 2383	0 2527	0 2383	0 2527	0 5104	0 5104
8 69	0 2486	0 2635	0 2486	0 2635	0 5104	0 5104
10 70	0 2643	0 2799	0 2643	0 2799	0 5104	0 5104
12 70	0 2897	0 3063	0 2897	0 3063	0 5104	0 5104
14 71	0 3098	0 3272	0 3098	0 3272	0 5104	0 5104
16 69	0 3522	0 3711	0 3522	0 3711	0 5104	0 5104
18 69	0 3839	0 4034	0 3839	0 4034	0 5104	0 5104
20 69	0 4185	0 4386	0 4185	0 4386	0 5104	0 5104
25 70	0 5119	0 5321	0 5119	0 5321	0 5104	0 5104
30 74	0 6101	0 6276	0 6101	0 6276	0 5104	0 5104
35 69	0 7030	0 7151	0 7030	0 7151	0 5104	0 5104
40 71	0 7976	0 8011	0 7976	0 8011	0 5104	0 5104
45 70	0 8740	0 8681	0 8740	0 8681	0 5104	0 5104
50 70	0 9471	0 9299	0 9471	0 9299	0 5104	0 5104
55 69	0 9918	0 9668	0 9918	0 9668	0 5104	0 5104
60 72	1 0217	0 9910	1 0217	0 9910	0 5104	0 5104
70 73	1 0321	0 9993	1 0321	0 9993	0 5104	0 5104
80 73	1 0330	1 0000	1 0330	1 0000	0 5104	0 5104
90 70	1 0305	0 9980	1 0305	0 9980	0 5104	0 5104
100 65	1 0339	1 0007	1 0339	1 0007	0 5104	0 5104
102 11	1 0320	0 9992	1 0320	0 9992	0 5104	0 5104
112 12	1 0332	1 0002	1 0332	1 0002	0 5104	0 5104
122 11	1 0303	0 9979	1 0303	0 9979	0 5104	0 5104
132 16	1 0327	0 9998	1 0327	0 9998	0 5104	0 5104
142 13	1 0331	1 0001	1 0331	1 0001	0 5104	0 5104
152 12	1 0303	0 9979	1 0303	0 9979	0 5104	0 5104
162 14	1 0303	0 9979	1 0303	0 9979	0 5104	0 5104
172 15	1 0297	0 9974	1 0297	0 9974	0 5104	0 5104
182 15	1 0282	0 9982	1 0282	0 9982	0 5104	0 5104
192 12	1 0891	0 9988	1 0891	0 9988	0 5104	0 5104
202 07	1 0892	0 9989	1 0892	0 9989	0 5104	0 5104

M (NOMINAL)= 1 4

X= 169 MM T0=298 0 K DEL 995= 65 1 MM
RE/M= 3 64*10^6 (MEASURED P) ME=1 023 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5170	0 5170
0 69	0 1992	0 2133	0 1992	0 2133	0 5170	0 5170
0 89	0 1886	0 2021	0 1886	0 2021	0 5170	0 5170
1 11	0 2000	0 2235	0 2000	0 2235	0 5170	0 5170
1 31	0 1945	0 2000	0 1945	0 2000	0 5170	0 5170
1 50	0 1970	0 2110	0 1970	0 2110	0 5170	0 5170
1 71	0 1999	0 2140	0 1999	0 2140	0 5170	0 5170
2 20	0 2160	0 2311	0 2160	0 2311	0 5170	0 5170
2 69	0 2216	0 2370	0 2216	0 2370	0 5170	0 5170
3 20	0 2277	0 2435	0 2277	0 2435	0 5170	0 5170
3 69	0 2130	0 2279	0 2130	0 2279	0 5170	0 5170
4 70	0 2079	0 2225	0 2079	0 2225	0 5170	0 5170
6 69	0 2458	0 2627	0 2458	0 2627	0 5170	0 5170
8 70	0 2571	0 2745	0 2571	0 2745	0 5170	0 5170
10 69	0 2905	0 3097	0 2905	0 3097	0 5170	0 5170
12 70	0 3143	0 3345	0 3143	0 3345	0 5170	0 5170
14 70	0 3341	0 3552	0 3341	0 3552	0 5170	0 5170
16 70	0 3615	0 3836	0 3615	0 3836	0 5170	0 5170
18 72	0 3856	0 4084	0 3856	0 4084	0 5170	0 5170
20 70	0 4135	0 4371	0 4135	0 4371	0 5170	0 5170
25 72	0 5010	0 5255	0 5010	0 5255	0 5170	0 5170
30 70	0 5926	0 6158	0 5926	0 6158	0 5170	0 5170
35 69	0 6803	0 6996	0 6803	0 6996	0 5170	0 5170
40 69	0 7692	0 7819	0 7692	0 7819	0 5170	0 5170
45 69	0 8492	0 8534	0 8492	0 8534	0 5170	0 5170
50 70	0 9231	0 9172	0 9231	0 9172	0 5170	0 5170
55 70	0 9774	0 9627	0 9774	0 9627	0 5170	0 5170
60 70	1 0069	0 9870	1 0069	0 9870	0 5170	0 5170
70 70	1 0227	0 9997	1 0227	0 9997	0 5170	0 5170
80 71	1 0215	0 9988	1 0215	0 9988	0 5170	0 5170
90 71	1 0230	1 0000	1 0230	1 0000	0 5170	0 5170
100 65	1 0212	0 9985	1 0212	0 9985	0 5170	0 5170
102 11	1 0238	1 0007	1 0238	1 0007	0 5170	0 5170
112 11	1 0228	0 9998	1 0228	0 9998	0 5170	0 5170
122 12	1 0191	0 9969	1 0191	0 9969	0 5170	0 5170
132 12	1 0202	0 9978	1 0202	0 9978	0 5170	0 5170
142 11	1 0202	0 9978	1 0202	0 9978	0 5170	0 5170
152 12	1 0190	0 9968	1 0190	0 9968	0 5170	0 5170
162 12	1 0190	0 9968	1 0190	0 9968	0 5170	0 5170
172 12	1 0205	0 9980	1 0205	0 9980	0 5170	0 5170
182 13	1 0078	0 9877	1 0078	0 9877	0 5170	0 5170
192 13	1 0003	0 9815	1 0003	0 9815	0 5170	0 5170
202 07	0 9969	0 9788	0 9969	0 9788	0 5170	0 5170

M (NOMINAL)= 1 4

X= 267 MM T0=289 8 K DEL 995= 65 5 MM
RE/M= 3 63*10^6 (MEASURED P) ME=1 003 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5204	0 5204
0 69	0 2295	0 2492	0 2295	0 2492	0 5204	0 5204
0 91	0 2272	0 2470	0 2272	0 2470	0 5204	0 5204
1 09	0 2360	0 2565	0 2360	0 2565	0 5204	0 5204
1 30	0 2281	0 2479	0 2281	0 2479	0 5204	0 5204
1 49	0 2449	0 2660	0 2449	0 2660	0 5204	0 5204
1 69	0 2369	0 2574	0 2369	0 2574	0 5204	0 5204
2 20	0 2404	0 2698	0 2404	0 2698	0 5204	0 5204
2 69	0 2531	0 2748	0 2531	0 2748	0 5204	0 5204
3 20	0 2688	0 2838	0 2688	0 2838	0 5204	0 5204
3 69	0 2665	0 2889	0 2665	0 2889	0 5204	0 5204
4 69	0 2846	0 3084	0 2846	0 3084	0 5204	0 5204
6 70	0 2904	0 3146	0 2904	0 3146	0 5204	0 5204
8 69	0 3068	0 3321	0 3068	0 3321	0 5204	0 5204
10 71	0 3287	0 3553	0 3287	0 3553	0 5204	0 5204
12 69	0 3421	0 3695	0 3421	0 3695	0 5204	0 5204
14 69	0 3629	0 3914	0 3629	0 3914	0 5204	0 5204
16 70	0 3881	0 4178	0 3881	0 4178	0 5204	0 5204
18 69	0 4127	0 4435	0 4127	0 4435	0 5204	0 5204
20 71	0 4327	0 4642	0 4327	0 4642	0 5204	0 5204
25 70	0 5075	0 5408	0 5075	0 5408	0 5204	0 5204
30 70	0 5866	0 6200	0 5866	0 6200	0 5204	0 5204
35 71	0 6627	0 6943	0 6627	0 6943	0 5204	0 5204
40 70	0 7429	0 7704	0 7429	0 7704	0 5204	0 5204
45 69	0 8221	0 8431	0 8221	0 8431	0 5204	0 5204
50 71	0 8937	0 9068	0 8937	0 9068	0 5204	0 5204
55 69	0 9488	0 9537	0 9488	0 9537	0 5204	0 5204
60 69	0 9848	0 9849	0 9848	0 9849	0 5204	0 5204
70 71	1 0033	1 0002	1 0033	1 0002	0 5204	0 5204
80 70	1 0043	1 0011	1 0043	1 0011	0 5204	0 5204
90 69	1 0038	1 0000	1 0038	1 0000	0 5204	0 5204
100 67	1 0038	1 0000	1 0038	1 0000	0 5204	0 5204
102 11	1 0039	1 0007	1 0039	1 0007	0 5204	0 5204
112 13	1 0047	1 0014	1 0047	1 0014	0 5204	0 5204
122 13	1 0009	0 9982	1 0009	0 9982	0 5204	0 5204
132 12	1 0045	1 0012	1 0045	1 0012	0 5204	0 5204
142 12	1 0018	0 9990	1 0018	0 9990	0 5204	0 5204
152 13	1 0038	1 0000	1 0038	1 0000	0 5204	0 5204
162 11	1 0021	0 9992	1 0021	0 9992	0 5204	0 5204
172 13	1 0021	0 9992	1 0021	0 9992	0 5204	0 5204
182 12	0 9910	0 9900	0 9910	0 9900	0 5204	0 5204
192 11	0 9810	0 9817	0 9810	0 9817	0 5204	0 5204
202 09	0 9704	0 9795	0 9704	0 9795	0 5204	0 5204

M (NOMINAL)= 1 4

X= 463 MM T0=289 6 K DEL 995= 71 0 MM
RE/M= 3 59*10^6 (MEASURED P) ME=0 972 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5479	0 5479
0 69	0 2812	0 3138	0 2812	0 3138	0 5479	0 5479
0 89	0 2938	0 3268	0 2938	0 3268	0 5479	0 5479
1 09	0 2965	0 3297	0 2965	0 3297	0 5479	0 5479
1 30	0 2965	0 3297	0 2965	0 3297	0 5479	0 5479
1 51	0 3098	0 3442	0 3098	0 3442	0 5479	0 5479
1 69	0 3076	0 3419	0 3076	0 3419	0 5479	0 5479
2 19	0 3176	0 3527	0 3176	0 3527	0 5479	0 5479
2 70	0 3238	0 3595	0 3238	0 3595	0 5479	0 5479
3 21	0 3324	0 3689	0 3324	0 3689	0 5479	0 5479
3 70	0 3261	0 3629	0 3261	0 3629	0 5479	0 5479
4 70	0 3399	0 3778	0 3399	0 3778	0 5479	0 5479
6 69	0 3624	0 4011	0 3624	0 4011	0 5479	0 5479
8 70	0 3727	0 4124	0 3727	0 4124	0 5479	0 5479
10 72	0 3929	0 4 41	0 3929	0 4 41	0 5479	0 5479
12 69	0 4071	0 4491	0 4071	0 4491	0 5479	0 5479
14 70	0 4178	0 4680	0 4178	0 4680	0 5479	0 5479
16 70	0 4436	0 4881	0 4436	0 4881	0 5479	0 5479
18 70	0 4554	0 5006	0 4554	0 5006	0 5479	0 5479
20 72	0 4769	0 5232	0 4769	0 5232	0 5479	0 5479
25 69	0 5292	0 5776	0 5292	0 5776	0 5479	0 5479
30 69	0 5897	0 6397	0 5897	0 6397	0 5479	0 5479
35 69	0 6580	0 7082	0 6580	0 7082	0 5479	0 5479
40 71	0 7134	0 7624	0 7134	0 7624	0 5479	0 5479
45 69	0 7880	0 8262	0 7880	0 8262	0 5479	0 5479
50 69	0 8416	0 8836	0 8416	0 8836	0 5479	0 5479
55 70	0 8940	0 9313	0 8940	0 9313	0 5479	0 5479
60 69	0 9351	0 9677	0 9351	0 9677	0 5479	0 5479
70 70	0 9665	0 9952	0 9665	0 9952	0 5479	0 5479
80 72	0 9783	0 9985	0 9783	0 9985	0 5479	0 5479
90 69	0 9665	0 9952	0 9665	0 9952	0 5479	0 5479
100 62	0 9783	0 9985	0 9783	0 9985	0 5479	0 5479
102 11	0 9734	1 0012	0 9734	1 0012	0 5479	0 5479
103 61	0 9728	1 0000	0 9728	1 0000	0 5479	0 5479
112 14	0 9738	1 0008	0 9738	1 0008	0 5479	0 5479
122 14	0 9708	0 9982	0 9708	0 9982	0 5479	0 5479
132 11	0 9729	1 0000	0 9729	1 0000	0 5479	0 5479
142 13	0 9679	0 9965	0 9679	0 9965	0 5479	0 5479
152 11	0 9718	0 9999	0 9718	0 9999	0 5479	0 5479
162 11	0 9694	0 9977	0 9694	0 9977	0 5479	0 5479
172 12	0 9674	0 9960	0 9674	0 9960	0 5479	0 5479
182 14	0 9535	0 9839	0 9535	0 9839	0 5479	0 5479
192 11	0 9439	0 9755	0 9439	0 9755	0 5479	0 5479
202 04	0 9452	0 9766	0 9452	0 9766	0 5479	0 5479

M (NOMINAL)= 1 4

X= 756 MM T0=289 4 K DEL 995= 82 6 MM
RE/M= 3 56*10^6 (MEASURED P) ME=0 948 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5689	0 5689
0 69	0 3414	0 3895	0 3414	0 3895	0 5689	0 5689
0 90	0 3486	0 3975	0 3486	0 3975	0 5689	0 5689
1 09	0 3681	0 4103	0 3681	0 4103	0 5689	0 5689
1 30	0 3695	0 4207	0 3695	0 4207	0 5689	0 5689
1 50	0 3708	0 4121	0 3708	0 4121	0 5689	0 5689
1 71	0 3855	0 4362	0 3855	0 4362	0 5689	0 5689
2 19	0 3944	0 4482	0 3944	0 4482	0 5689	0 5689
2 70	0 3966	0 4506	0 3966	0 4506	0 5689	0 5689
3 19	0 4085	0 4638	0 4085	0 4638	0 5689	0 5689
3 69	0 4181	0 4745	0 4181	0 4745	0 5689	0 5689
4 69	0 4287	0 4771	0 4287	0 4771	0 5689	0 5689
6 70	0 4174	0 4954	0 4174	0 4954	0 5689	0 5689
8 69	0 4682	0 5282	0 4682	0 5282	0 5689	0 5689
10 69	0 4648	0 5252	0 4648	0 5252	0 5689	0 5689
12 71	0 4724	0 5333	0 4724	0 5333	0 5689	0 5689
14 69	0 4986	0 5616	0 4986	0 5616	0 5689	0 5689
16 70	0 5007	0 5639	0 5007	0 5639	0 5689	0 5689
18 69	0 5095	0 5733	0 5095	0 5733	0 5689	0 5689
20 70	0 5292	0 5943	0 5292	0 5943	0 5689	0 5689
25 69	0 5738	0 6414	0 5738	0 6414	0 5689	0 5689
30 69	0 6186	0 6798	0 6186	0 6798	0 5689	0 5689
35 69	0 6559	0 7263	0 6559	0 7263	0 5689	0 5689
40 71	0 7017	0 7726	0 7017	0 7726	0 5689	0 5689
45 71	0 7488	0 8194	0 7488	0 8194	0 5689	0 5689
50 70	0 7984	0 8599	0 7984	0 8599	0 5689	0 5689
55 73	0 8389	0 8988	0 8389	0 8988	0 5689	0 5689
60 70	0 8664	0 9321	0 8664	0 9321	0 5689	0 5689
70 70	0 9144	0 9767	0 9144	0 9767	0 5689	0 5689
80 71	0 9342	0 9947	0 9342	0 9947	0 5689	0 5689
90 70	0 9397	0 9997	0 9397	0 9997	0 5689	0 5689
100 68	0 9423	1 0020	0 9423	1 0020	0 5689	0 5689
102 11	0 9364	0 9968	0 9364	0 9968	0 5689	0 5689
103 51	0 9400	1 0000	0 9400	1 0000	0 5689	0 5689
112 11	0 9376	0 9978	0 9376	0 9978	0 5689	0 5689
122 12	0 9360	0 9963	0 9360	0 9963	0 5689	0 5689
132 11	0 9388	0 9989	0 9388	0 9989	0 5689	0 5689
142 13	0 9385	0 9986	0 9385	0 9986	0 5689	0 5689
152 12	0 9372	0 9974	0 9372	0 9974	0 5689	0 5689
157 15	0 9356	0 9960	0 9356	0 9960	0 5689	0 5689
162 12	0 9348	0 9953	0 9348	0 9953	0 5689	0 5689
172 12	0 9335	0 9941	0 9335	0 9941	0 5689	0 5689
182 13	0 9199	0 9817	0 9199	0 9817	0 5689	0 5689
192 12	0 9159	0 9781	0 9159	0 9781	0 5689	0 5689
202 10	0 9150	0 9773	0 9150	0 9773	0 5689	0 5689

Table 1 (continued)

M (NOMINAL)= 1 4

X= 1852 MM T0=289 8 K DEL 995= 92 7 MM
RE/M= 3 54e+06 (MEASURED P) ME=0 916 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5835	0 5835
0 69	0 3742	0 4354	0 3742	0 4354	0 5835	0 5835
0 98	0 3940	0 4465	0 3940	0 4465	0 5835	0 5835
1 09	0 3952	0 4591	0 3952	0 4591	0 5835	0 5835
1 29	0 4078	0 4733	0 4078	0 4733	0 5835	0 5835
1 49	0 4122	0 4782	0 4122	0 4782	0 5835	0 5835
1 70	0 4217	0 4889	0 4217	0 4889	0 5835	0 5835
2 19	0 4346	0 5033	0 4346	0 5033	0 5835	0 5835
2 70	0 4499	0 5204	0 4499	0 5204	0 5835	0 5835
3 19	0 4539	0 5248	0 4539	0 5248	0 5835	0 5835
3 70	0 4688	0 5325	0 4688	0 5325	0 5835	0 5835
4 70	0 4734	0 5464	0 4734	0 5464	0 5835	0 5835
6 71	0 4910	0 5657	0 4910	0 5657	0 5835	0 5835
8 69	0 4982	0 5737	0 4982	0 5737	0 5835	0 5835
10 69	0 5171	0 5943	0 5171	0 5943	0 5835	0 5835
12 70	0 5265	0 6046	0 5265	0 6046	0 5835	0 5835
14 70	0 5404	0 6197	0 5404	0 6197	0 5835	0 5835
16 69	0 5444	0 6240	0 5444	0 6240	0 5835	0 5835
18 69	0 5549	0 6354	0 5549	0 6354	0 5835	0 5835
20 69	0 5694	0 6510	0 5694	0 6510	0 5835	0 5835
25 70	0 5965	0 6799	0 5965	0 6799	0 5835	0 5835
30 70	0 6245	0 7096	0 6245	0 7096	0 5835	0 5835
35 71	0 6533	0 7398	0 6533	0 7398	0 5835	0 5835
40 69	0 6867	0 7745	0 6867	0 7745	0 5835	0 5835
45 69	0 7222	0 8107	0 7222	0 8107	0 5835	0 5835
50 69	0 7573	0 8462	0 7573	0 8462	0 5835	0 5835
55 69	0 7907	0 8795	0 7907	0 8795	0 5835	0 5835
60 69	0 8168	0 9051	0 8168	0 9051	0 5835	0 5835
70 69	0 8647	0 9515	0 8647	0 9515	0 5835	0 5835
80 69	0 8978	0 9822	0 8978	0 9822	0 5835	0 5835
90 69	0 9089	0 9933	0 9089	0 9933	0 5835	0 5835
100 62	0 9128	0 9970	0 9128	0 9970	0 5835	0 5835
102 11	0 9138	0 9979	0 9138	0 9979	0 5835	0 5835
104 12	0 9168	1 0008	0 9168	1 0008	0 5835	0 5835
112 11	0 9149	0 9990	0 9149	0 9990	0 5835	0 5835
122 11	0 9145	0 9986	0 9145	0 9986	0 5835	0 5835
132 12	0 9149	0 9990	0 9149	0 9990	0 5835	0 5835
142 11	0 9118	0 9961	0 9118	0 9961	0 5835	0 5835
152 11	0 9167	1 0007	0 9167	1 0007	0 5835	0 5835
162 11	0 9133	0 9974	0 9133	0 9974	0 5835	0 5835
172 11	0 9095	0 9939	0 9095	0 9939	0 5835	0 5835
182 11	0 8957	0 9089	0 8957	0 9089	0 5835	0 5835
192 11	0 8888	0 9744	0 8888	0 9744	0 5835	0 5835
202 04	0 8873	0 9730	0 8873	0 9730	0 5835	0 5835

M (NOMINAL)= 1 4

X= 1204 MM T0=298 6 K DEL 995=101 4 MM
RE/M= 3 58e+06 (MEASURED P) ME=0 905 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5903	0 5903
0 66	0 4138	0 4850	0 4138	0 4850	0 5903	0 5903
0 86	0 4199	0 4920	0 4199	0 4920	0 5903	0 5903
1 07	0 4340	0 5079	0 4340	0 5079	0 5903	0 5903
1 27	0 4386	0 5130	0 4386	0 5130	0 5903	0 5903
1 47	0 4482	0 5239	0 4482	0 5239	0 5903	0 5903
1 66	0 4589	0 5269	0 4589	0 5269	0 5903	0 5903
2 16	0 4647	0 5424	0 4647	0 5424	0 5903	0 5903
2 66	0 4770	0 5561	0 4770	0 5561	0 5903	0 5903
3 16	0 4841	0 5640	0 4841	0 5640	0 5903	0 5903
3 66	0 4921	0 5729	0 4921	0 5729	0 5903	0 5903
4 66	0 5064	0 5888	0 5064	0 5888	0 5903	0 5903
6 65	0 5225	0 6065	0 5225	0 6065	0 5903	0 5903
8 66	0 5310	0 6158	0 5310	0 6158	0 5903	0 5903
10 71	0 5436	0 6297	0 5436	0 6297	0 5903	0 5903
12 66	0 5531	0 6401	0 5531	0 6401	0 5903	0 5903
14 66	0 5668	0 6548	0 5668	0 6548	0 5903	0 5903
16 67	0 5794	0 6686	0 5794	0 6686	0 5903	0 5903
18 66	0 5821	0 6715	0 5821	0 6715	0 5903	0 5903
20 66	0 5927	0 6829	0 5927	0 6829	0 5903	0 5903
25 66	0 6140	0 7057	0 6140	0 7057	0 5903	0 5903
30 66	0 6385	0 7318	0 6385	0 7318	0 5903	0 5903
35 66	0 6639	0 7587	0 6639	0 7587	0 5903	0 5903
40 66	0 6911	0 7871	0 6911	0 7871	0 5903	0 5903
45 66	0 7188	0 8158	0 7188	0 8158	0 5903	0 5903
50 66	0 7489	0 8304	0 7489	0 8304	0 5903	0 5903
55 66	0 7658	0 8636	0 7658	0 8636	0 5903	0 5903
60 66	0 7938	0 8917	0 7938	0 8917	0 5903	0 5903
70 66	0 8351	0 9326	0 8351	0 9326	0 5903	0 5903
80 66	0 8702	0 9667	0 8702	0 9667	0 5903	0 5903
90 75	0 8982	0 9859	0 8982	0 9859	0 5903	0 5903
101 43	0 9081	0 9954	0 9081	0 9954	0 5903	0 5903
111 48	0 9034	0 9905	0 9034	0 9905	0 5903	0 5903
115 43	0 9050	1 0000	0 9050	1 0000	0 5903	0 5903
121 43	0 9037	0 9988	0 9037	0 9988	0 5903	0 5903
131 43	0 9026	0 9977	0 9026	0 9977	0 5903	0 5903
141 43	0 9052	1 0002	0 9052	1 0002	0 5903	0 5903
151 43	0 9029	0 9990	0 9029	0 9990	0 5903	0 5903
161 43	0 9032	0 9993	0 9032	0 9993	0 5903	0 5903
171 43	0 9021	0 9972	0 9021	0 9972	0 5903	0 5903
181 43	0 8912	0 9869	0 8912	0 9869	0 5903	0 5903
191 52	0 8833	0 9793	0 8833	0 9793	0 5903	0 5903

M (NOMINAL)= 1 4

X= 1776 MM T0=298 7 K DEL 995=117 6 MM
RE/M= 3 43e+06 (MEASURED P) ME=0 878 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6867	0 6867
0 66	0 4291	0 5156	0 4291	0 5156	0 6867	0 6867
0 86	0 4355	0 5230	0 4355	0 5230	0 6867	0 6867
1 06	0 4482	0 5285	0 4482	0 5285	0 6867	0 6867
1 26	0 4528	0 5430	0 4528	0 5430	0 6867	0 6867
1 46	0 4635	0 5553	0 4635	0 5553	0 6867	0 6867
1 66	0 4699	0 5627	0 4699	0 5627	0 6867	0 6867
2 16	0 4796	0 5737	0 4796	0 5737	0 6867	0 6867
2 66	0 4997	0 5967	0 4997	0 5967	0 6867	0 6867
3 16	0 5093	0 6076	0 5093	0 6076	0 6867	0 6867
3 66	0 5183	0 6178	0 5183	0 6178	0 6867	0 6867
4 66	0 5298	0 6308	0 5298	0 6308	0 6867	0 6867
6 66	0 5518	0 6555	0 5516	0 6555	0 6867	0 6867
8 66	0 5597	0 6644	0 5597	0 6644	0 6867	0 6867
10 66	0 5720	0 6781	0 5720	0 6781	0 6867	0 6867
12 66	0 5789	0 6857	0 5789	0 6857	0 6867	0 6867
14 66	0 5982	0 6982	0 5982	0 6982	0 6867	0 6867
16 66	0 5962	0 7048	0 5962	0 7048	0 6867	0 6867
18 66	0 6034	0 7129	0 6034	0 7129	0 6867	0 6867
20 66	0 6111	0 7213	0 6111	0 7213	0 6867	0 6867
25 66	0 6296	0 7485	0 6296	0 7485	0 6867	0 6867
30 67	0 6458	0 7591	0 6458	0 7591	0 6867	0 6867
35 67	0 6573	0 7716	0 6573	0 7716	0 6867	0 6867
40 66	0 6767	0 7925	0 6767	0 7925	0 6867	0 6867
45 66	0 6964	0 8136	0 6964	0 8136	0 6867	0 6867
50 66	0 7187	0 8288	0 7187	0 8288	0 6867	0 6867
55 66	0 7388	0 8500	0 7388	0 8500	0 6867	0 6867
60 66	0 7488	0 8688	0 7488	0 8688	0 6867	0 6867
70 70	0 7852	0 9065	0 7852	0 9065	0 6867	0 6867
80 66	0 8189	0 9409	0 8189	0 9409	0 6867	0 6867
90 66	0 8381	0 9682	0 8381	0 9682	0 6867	0 6867
101 43	0 8619	0 9841	0 8619	0 9841	0 6867	0 6867
111 43	0 8658	0 9879	0 8658	0 9879	0 6867	0 6867
121 43	0 8758	0 9978	0 8758	0 9978	0 6867	0 6867
131 44	0 8794	1 0014	0 8794	1 0014	0 6867	0 6867
141 43	0 8788	1 0008	0 8788	1 0008	0 6867	0 6867
151 43	0 8776	0 9996	0 8776	0 9996	0 6867	0 6867
161 43	0 8778	0 9998	0 8778	0 9998	0 6867	0 6867
171 47	0 8776	0 9996	0 8776	0 9996	0 6867	0 6867
181 43	0 8666	0 9887	0 8666	0 9887	0 6867	0 6867
191 43	0 8543	0 9765	0 8543	0 9765	0 6867	0 6867

M (NOMINAL)= 1 4

X= 2267 MM T0=291 0 K DEL 995=129 2 MM
RE/M= 3 39e+06 (MEASURED P) ME=0 861 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6168	0 6168
0 66	0 4346	0 5310	0 4346	0 5310	0 6168	0 6168
0 86	0 4448	0 5429	0 4448	0 5429	0 6168	0 6168
1 06	0 4491	0 5488	0 4491	0 5488	0 6168	0 6168
1 26	0 4640	0 5654	0 4640	0 5654	0 6168	0 6168
1 46	0 4744	0 5776	0 4744	0 5776	0 6168	0 6168
1 66	0 4776	0 5813	0 4776	0 5813	0 6168	0 6168
2 17	0 4937	0 6008	0 4937	0 6008	0 6168	0 6168
2 66	0 5043	0 6122	0 5043	0 6122	0 6168	0 6168
3 16	0 5157	0 6254	0 5157	0 6254	0 6168	0 6168
3 66	0 5244	0 6354	0 5244	0 6354	0 6168	0 6168
4 66	0 5417	0 6552	0 5417	0 6552	0 6168	0 6168
6 71	0 5574	0 6731	0 5574	0 6731	0 6168	0 6168
8 66	0 5755	0 6934	0 5755	0 6934	0 6168	0 6168
10 67	0 5838	0 7030	0 5838	0 7030	0 6168	0 6168
12 71	0 5942	0 7147	0 5942	0 7147	0 6168	0 6168
14 67	0 6013	0 7227	0 6013	0 7227	0 6168	0 6168
16 66	0 6085	0 7307	0 6085	0 7307	0 6168	0 6168
18 66	0 6148	0 7378	0 6148	0 7378	0 6168	0 6168
20 66	0 6194	0 7429	0 6194	0 7429	0 6168	0 6168
25 67	0 6372	0 7627	0 6372	0 7627	0 6168	0 6168
30 66	0 6451	0 7714	0 6451	0 7714	0 6168	0 6168
35 66	0 6682	0 7988	0 6682	0 7988	0 6168	0 6168
40 66	0 6723	0 8012	0 6723	0 8012	0 6168	0 6168
45 66	0 6881	0 8185	0 6881	0 8185	0 6168	0 6168
50 67	0 7009	0 8323	0 7009	0 8323	0 6168	0 6168
55 66	0 7119	0 8442	0 7119	0 8442	0 6168	0 6168
60 67	0 7250	0 8583	0 7250	0 8583	0 6168	0 6168
70 66	0 7550	0 8903	0 7550	0 8903	0 6168	0 6168
80 66	0 7819	0 9186	0 7819	0 9186	0 6168	0 6168
90 74	0 7996	0 9371	0 7996	0 9371	0 6168	0 6168
101 43	0 8255	0 9638	0 8255	0 9638	0 6168	0 6168
111 44	0 8485	0 9892	0 8485	0 9892	0 6168	0 6168
121 43	0 8511	0 9900	0 8511	0 9900	0 6168	0 6168
131 43	0 8596	0 9986	0 8596	0 9986	0 6168	0 6166
141 43	0 8610	1 0000	0 8610	1 0000	0 6168	0 6168
151 44	0 8606	0 9996	0 8606	0 9996	0 6168	0 6168
161 44	0 8622	1 0012	0 8622	1 0012	0 6168	0 6168
171 43	0 8608	0 9998	0 8608	0 9998	0 6168	0 6168
181 43	0 8485	0 9873	0 8485	0 9873	0 6168	0 6168
191 51	0 8411	0 9798	0 8411	0 9798	0 6168	0 6168

M (NOMINAL)= 1 4

X= 2752 MM T0=291 1 K DEL 995=137 4 MM
RE,M= 3 53*10^6 (MEASURED P) ME=0 839 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6266	0 6266
0 66	0 4207	0 5263	0 4207	0 5263	0 6266	0 6266
0 86	0 4410	0 5508	0 4410	0 5508	0 6266	0 6266
1 06	0 4429	0 5531	0 4429	0 5531	0 6266	0 6266
1 26	0 4559	0 5687	0 4559	0 5687	0 6266	0 6266
1 46	0 4615	0 5754	0 4615	0 5754	0 6266	0 6266
1 66	0 4711	0 5868	0 4711	0 5868	0 6266	0 6266
2 16	0 4934	0 6134	0 4934	0 6134	0 6266	0 6266
2 66	0 4991	0 6201	0 4991	0 6201	0 6266	0 6266
3 16	0 5120	0 6353	0 5120	0 6353	0 6266	0 6266
3 66	0 5197	0 6444	0 5197	0 6444	0 6266	0 6266
4 66	0 5301	0 6566	0 5301	0 6566	0 6266	0 6266
6 66	0 5541	0 6846	0 5541	0 6846	0 6266	0 6266
8 66	0 5693	0 7023	0 5693	0 7023	0 6266	0 6266
10 66	0 5824	0 7175	0 5824	0 7175	0 6266	0 6266
12 66	0 5929	0 7296	0 5929	0 7296	0 6266	0 6266
14 66	0 5964	0 7336	0 5964	0 7336	0 6266	0 6266
16 66	0 6090	0 7481	0 6090	0 7481	0 6266	0 6266
18 66	0 6108	0 7501	0 6108	0 7501	0 6266	0 6266
20 66	0 6158	0 7558	0 6156	0 7558	0 6266	0 6266
25 67	0 6303	0 7723	0 6303	0 7723	0 6266	0 6266
30 66	0 6440	0 7878	0 6440	0 7878	0 6266	0 6266
35 66	0 6502	0 7948	0 6502	0 7948	0 6266	0 6266
40 66	0 6657	0 8122	0 6657	0 8122	0 6266	0 6266
45 66	0 6751	0 8227	0 6751	0 8227	0 6266	0 6266
50 67	0 6832	0 8318	0 6832	0 8318	0 6266	0 6266
55 66	0 6965	0 8465	0 6965	0 8465	0 6266	0 6266
60 66	0 7042	0 8550	0 7042	0 8550	0 6266	0 6266
70 66	0 7269	0 8800	0 7269	0 8800	0 6266	0 6266
80 66	0 7516	0 9069	0 7516	0 9069	0 6266	0 6266
90 71	0 7679	0 9246	0 7679	0 9246	0 6266	0 6266
101 43	0 7943	0 9528	0 7943	0 9528	0 6266	0 6266
111 43	0 8126	0 9722	0 8126	0 9722	0 6266	0 6266
121 43	0 8211	0 9812	0 8211	0 9812	0 6266	0 6266
131 44	0 8257	0 9868	0 8257	0 9868	0 6266	0 6266
141 43	0 8400	1 0010	0 8400	1 0010	0 6266	0 6266
151 44	0 8390	1 0000	0 8390	1 0000	0 6266	0 6266
161 43	0 8410	1 0021	0 8410	1 0021	0 6266	0 6266
171 43	0 8395	1 0005	0 8395	1 0005	0 6266	0 6266
181 43	0 8312	0 9918	0 8312	0 9918	0 6266	0 6266
191 48	0 8254	0 9857	0 8254	0 9857	0 6266	0 6266

M (NOMINAL) = 1.4

X= -729 MM T0= 300.7 K DEL 99%= 52.4 MM
RE/M= 9.92*10^6 (MEASURED P) ME=1.420 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3046	0.3046
0.69	0.7614	0.6815	0.7614	0.6813	0.3046	0.3046
0.89	0.7704	0.6876	0.7704	0.6876	0.3046	0.3046
1.09	0.8047	0.6317	0.8047	0.6317	0.3046	0.3046
1.39	0.8314	0.6501	0.8314	0.6501	0.3046	0.3046
1.59	0.8547	0.6660	0.8547	0.6660	0.3046	0.3046
1.79	0.8754	0.6800	0.8754	0.6800	0.3046	0.3046
2.19	0.9092	0.7026	0.9092	0.7026	0.3046	0.3046
2.69	0.9399	0.7228	0.9399	0.7228	0.3046	0.3046
3.19	0.9656	0.7395	0.9656	0.7395	0.3046	0.3046
3.79	0.9826	0.7505	0.9826	0.7505	0.3046	0.3046
4.69	1.0107	0.7734	1.0107	0.7734	0.3046	0.3046
5.77	1.0507	0.8044	1.0507	0.8044	0.3046	0.3046
6.69	1.1126	0.8516	1.1126	0.8510	0.3046	0.3046
10.75	1.1574	0.8575	1.1574	0.8575	0.3046	0.3046
14.68	1.1961	0.8798	1.1961	0.8798	0.3046	0.3046
14.69	1.2304	0.8995	1.2304	0.8995	0.3046	0.3046
16.77	1.2659	0.9190	1.2659	0.9190	0.3046	0.3046
18.68	1.2935	0.9340	1.2935	0.9340	0.3046	0.3046
20.74	1.3253	0.9511	1.3253	0.9511	0.3046	0.3046
23.21	1.3577	0.9681	1.3577	0.9681	0.3046	0.3046
25.78	1.3827	0.9810	1.3827	0.9810	0.3046	0.3046
28.18	1.4017	0.9908	1.4017	0.9908	0.3046	0.3046
30.68	1.4109	0.9954	1.4109	0.9954	0.3046	0.3046
33.19	1.4167	0.9984	1.4167	0.9984	0.3046	0.3046
35.68	1.4184	0.9992	1.4184	0.9992	0.3046	0.3046
38.18	1.4196	0.9998	1.4196	0.9998	0.3046	0.3046
40.69	1.4200	1.0000	1.4200	1.0000	0.3046	0.3046
45.77	1.4191	0.9996	1.4191	0.9996	0.3046	0.3046
100.11	1.4199	0.9999	1.4199	0.9999	0.3046	0.3046
112.15	1.4197	0.9999	1.4197	0.9999	0.3046	0.3046
122.16	1.4190	0.9995	1.4190	0.9995	0.3046	0.3046
132.18	1.4193	0.9996	1.4193	0.9996	0.3046	0.3046
142.11	1.4217	1.0009	1.4217	1.0009	0.3046	0.3046

M (NOMINAL) = 1.4

X= -635 MM T0= 300.9 K DEL 99%= 53.0 MM
RE/M= 9.97*10^6 (MEASURED P) ME=1.425 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3038	0.3038
0.69	0.7628	0.6808	0.7628	0.6806	0.3038	0.3038
0.90	0.7776	0.6112	0.7776	0.6112	0.3038	0.3038
1.09	0.8185	0.6341	0.8185	0.6341	0.3038	0.3038
1.29	0.8378	0.6523	0.8378	0.6523	0.3038	0.3038
1.50	0.8571	0.6660	0.8571	0.6660	0.3038	0.3038
1.71	0.8745	0.6777	0.8745	0.6777	0.3038	0.3038
2.19	0.9170	0.7068	0.9170	0.7068	0.3038	0.3038
2.69	0.9414	0.7220	0.9414	0.7226	0.3038	0.3038
3.20	0.9619	0.7353	0.9619	0.7353	0.3038	0.3038
3.68	0.9851	0.7502	0.9851	0.7502	0.3038	0.3038
4.68	1.0140	0.7685	1.0140	0.7685	0.3038	0.3038
5.68	1.0480	0.8020	1.0480	0.8020	0.3038	0.3038
8.68	1.1125	0.8288	1.1125	0.8288	0.3038	0.3038
10.68	1.1507	0.8552	1.1507	0.8552	0.3038	0.3038
12.69	1.1919	0.8752	1.1919	0.8752	0.3038	0.3038
14.69	1.2255	0.8941	1.2255	0.8941	0.3038	0.3038
16.71	1.2633	0.9153	1.2633	0.9153	0.3038	0.3038
18.68	1.2989	0.9383	1.2989	0.9383	0.3038	0.3038
20.68	1.3211	0.9465	1.3211	0.9465	0.3038	0.3038
23.18	1.3527	0.9631	1.3527	0.9631	0.3038	0.3038
25.64	1.3814	0.9779	1.3814	0.9779	0.3038	0.3038
28.18	1.4016	0.9883	1.4016	0.9883	0.3038	0.3038
30.68	1.4150	0.9950	1.4150	0.9950	0.3038	0.3038
33.19	1.4202	0.9976	1.4202	0.9976	0.3038	0.3038
35.69	1.4233	0.9991	1.4233	0.9991	0.3038	0.3038
38.21	1.4251	1.0001	1.4251	1.0001	0.3038	0.3038
40.70	1.4254	0.9992	1.4254	0.9992	0.3038	0.3038
45.69	1.4250	1.0000	1.4250	1.0000	0.3038	0.3038
100.11	1.4251	1.0001	1.4251	1.0001	0.3038	0.3038
112.16	1.4261	1.0006	1.4261	1.0006	0.3038	0.3038
122.18	1.4257	1.0004	1.4257	1.0004	0.3038	0.3038
132.18	1.4261	1.0006	1.4261	1.0006	0.3038	0.3038
142.12	1.4247	0.9999	1.4247	0.9999	0.3038	0.3038

M (NOMINAL) = 1.4

X= -537 MM T0= 300.8 K DEL 99%= 54.2 MM
RE/M= 9.96*10^6 (MEASURED P) ME=1.417 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3061	0.3061
0.69	0.7482	0.5928	0.7482	0.5928	0.3061	0.3061
0.90	0.7625	0.6030	0.7625	0.6030	0.3061	0.3061
1.08	0.7924	0.6240	0.7924	0.6240	0.3061	0.3061
1.29	0.8187	0.6423	0.8187	0.6423	0.3061	0.3061
1.48	0.8435	0.6594	0.8435	0.6594	0.3061	0.3061
1.69	0.8598	0.6699	0.8598	0.6699	0.3061	0.3061
2.19	0.9024	0.6925	0.9024	0.6925	0.3061	0.3061
2.68	0.9285	0.7111	0.9285	0.7111	0.3061	0.3061
3.18	0.9453	0.7274	0.9453	0.7274	0.3061	0.3061
3.69	0.9625	0.7412	0.9625	0.7412	0.3061	0.3061
4.69	1.0031	0.7647	1.0031	0.7647	0.3061	0.3061
5.78	1.0514	0.7949	1.0514	0.7949	0.3061	0.3061
6.72	1.0885	0.8237	1.0885	0.8237	0.3061	0.3061
10.69	1.1440	0.8458	1.1440	0.8458	0.3061	0.3061
12.78	1.1751	0.8691	1.1751	0.8691	0.3061	0.3061
14.78	1.2077	0.8878	1.2077	0.8878	0.3061	0.3061
16.71	1.2424	0.9074	1.2424	0.9074	0.3061	0.3061
18.68	1.2733	0.9245	1.2733	0.9245	0.3061	0.3061
20.73	1.3021	0.9401	1.3021	0.9401	0.3061	0.3061
23.18	1.3331	0.9567	1.3331	0.9567	0.3061	0.3061
25.73	1.3649	0.9733	1.3649	0.9733	0.3061	0.3061
28.19	1.3874	0.9858	1.3874	0.9858	0.3061	0.3061
30.69	1.4007	0.9918	1.4007	0.9918	0.3061	0.3061
33.19	1.4110	0.9970	1.4110	0.9970	0.3061	0.3061
35.69	1.4146	0.9988	1.4146	0.9988	0.3061	0.3061
38.21	1.4159	0.9994	1.4159	0.9994	0.3061	0.3061
40.73	1.4167	0.9999	1.4167	0.9999	0.3061	0.3061
45.68	1.4170	1.0000	1.4170	1.0000	0.3061	0.3061
50.69	1.4170	1.0000	1.4170	1.0000	0.3061	0.3061
100.11	1.4147	0.9989	1.4147	0.9989	0.3061	0.3061
112.11	1.4156	0.9993	1.4156	0.9993	0.3061	0.3061
122.15	1.4159	0.9994	1.4159	0.9994	0.3061	0.3061
132.11	1.4149	0.9989	1.4149	0.9989	0.3061	0.3061
142.15	1.4166	0.9998	1.4166	0.9998	0.3061	0.3061
152.11	1.4166	0.9998	1.4166	0.9998	0.3061	0.3061

M (NOMINAL) = 1.4

X= -439 MM T0= 300.7 K DEL 99%= 54.4 MM
RE/M= 9.95*10^6 (MEASURED P) ME=1.414 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3073	0.3073
0.69	0.7416	0.5904	0.7416	0.5904	0.3073	0.3073
0.90	0.7532	0.5973	0.7532	0.5973	0.3073	0.3073
1.09	0.7842	0.6192	0.7842	0.6192	0.3073	0.3073
1.29	0.8106	0.6374	0.8106	0.6374	0.3073	0.3073
1.49	0.8357	0.6538	0.8357	0.6538	0.3073	0.3073
1.69	0.8515	0.6654	0.8515	0.6659	0.3073	0.3073
2.18	0.8863	0.6894	0.8863	0.6894	0.3073	0.3073
2.68	0.9108	0.7111	0.9108	0.7111	0.3073	0.3073
3.18	0.9294	0.7258	0.9294	0.7258	0.3073	0.3073
3.69	0.9545	0.7429	0.9545	0.7429	0.3073	0.3073
4.69	0.9925	0.7695	0.9925	0.7695	0.3073	0.3073
6.71	1.0466	0.8095	1.0466	0.8095	0.3073	0.3073
8.69	1.0830	0.8359	1.0830	0.8359	0.3073	0.3073
10.69	1.1141	0.8604	1.1141	0.8604	0.3073	0.3073
12.69	1.1430	0.8807	1.1430	0.8807	0.3073	0.3073
14.68	1.1965	0.9026	1.1965	0.9026	0.3073	0.3073
16.69	1.2385	0.9209	1.2385	0.9209	0.3073	0.3073
18.69	1.2617	0.9395	1.2617	0.9395	0.3073	0.3073
20.70	1.2869	0.9533	1.2869	0.9533	0.3073	0.3073
23.20	1.3202	0.9544	1.3202	0.9544	0.3073	0.3073
25.69	1.3538	0.9838	1.3538	0.9838	0.3073	0.3073
28.18	1.3778	0.9815	1.3778	0.9815	0.3073	0.3073
30.69	1.3948	0.99	1.3948	0.9902	0.3073	0.3073
33.18	1.4050	0.9954	1.4050	0.9954	0.3073	0.3073
35.69	1.4112	0.9986	1.4112	0.9986	0.3073	0.3073
38.19	1.4138	0.9999	1.4138	0.9999	0.3073	0.3073
40.70	1.4138	0.9999	1.4138	0.9999	0.3073	0.3073
45.69	1.4140	1.0000	1.4140	1.0000	0.3073	0.3073
50.70	1.4136	0.9998	1.4136	0.9998	0.3073	0.3073
55.71	1.4140	1.0000	1.4140	1.0000	0.3073	0.3073
100.11	1.4141	1.0001	1.4141	1.0001	0.3073	0.3073
112.11	1.4138	0.9999	1.4138	0.9999	0.3073	0.3073
122.12	1.4144	1.0002	1.4144	1.0002	0.3073	0.3073
132.11	1.4138	0.9999	1.4138	0.9999	0.3073	0.3073
142.12	1.4134	0.9997	1.4134	0.9997	0.3073	0.3073
152.12	1.4122	0.9991	1.4122	0.9991	0.3073	0.3073

M (NOMINAL)= 1 4

X=-343 MM T0=300 7 K DEL 995= 35 4 MM
RE/M= 9 96*10^6 (MEASURED P) ME=1 408 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3103	0 3103
0 69	0 7386	0 5886	0 7386	0 5886	0 3103	0 3103
0 89	0 7619	0 6053	0 7619	0 6053	0 3103	0 3103
1 09	0 7879	0 6237	0 7879	0 6237	0 3103	0 3103
1 29	0 8186	0 6452	0 8186	0 6452	0 3103	0 3103
1 49	0 8368	0 6578	0 8368	0 6578	0 3103	0 3103
1 72	0 8588	0 6668	0 8588	0 6668	0 3103	0 3103
2 20	0 8852	0 6988	0 8852	0 6988	0 3103	0 3103
2 70	0 9089	0 7067	0 9089	0 7067	0 3103	0 3103
3 20	0 9321	0 7221	0 9321	0 7221	0 3103	0 3103
3 69	0 9496	0 7336	0 9496	0 7336	0 3103	0 3103
4 70	0 9843	0 7561	0 9843	0 7561	0 3103	0 3103
6 69	1 0389	0 7858	1 0389	0 7858	0 3103	0 3103
8 68	1 0761	0 8139	1 0761	0 8139	0 3103	0 3103
10 68	1 1134	0 8365	1 1134	0 8365	0 3103	0 3103
12 72	1 1501	0 8584	1 1501	0 8584	0 3103	0 3103
14 68	1 1834	0 8779	1 1834	0 8779	0 3103	0 3103
16 68	1 2133	0 8958	1 2133	0 8958	0 3103	0 3103
18 69	1 2458	0 9134	1 2458	0 9134	0 3103	0 3103
20 68	1 2758	0 9308	1 2758	0 9308	0 3103	0 3103
23 19	1 3087	0 9488	1 3087	0 9488	0 3103	0 3103
25 69	1 3391	0 9642	1 3391	0 9642	0 3103	0 3103
28 18	1 3636	0 9771	1 3636	0 9771	0 3103	0 3103
30 69	1 3836	0 9875	1 3836	0 9875	0 3103	0 3103
33 22	1 3979	0 9948	1 3979	0 9948	0 3103	0 3103
35 70	1 4049	0 9984	1 4049	0 9984	0 3103	0 3103
38 21	1 4070	0 9995	1 4070	0 9995	0 3103	0 3103
40 69	1 4062	0 9991	1 4062	0 9991	0 3103	0 3103
45 70	1 4000	1 0000	1 4000	1 0000	0 3103	0 3103
102 11	1 4100	1 0010	1 4100	1 0010	0 3103	0 3103
112 10	1 4098	1 0000	1 4098	1 0000	0 3103	0 3103
122 10	1 4107	1 0014	1 4107	1 0014	0 3103	0 3103
132 11	1 4091	1 0006	1 4091	1 0006	0 3103	0 3103
142 11	1 4081	1 0001	1 4081	1 0001	0 3103	0 3103

M (NOMINAL)= 1 4

X=-292 MM T0=300 6 K DEL 995= 35 1 MM
RE/M= 9 99*10^6 (MEASURED P) ME=1 406 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3113	0 3113
0 69	0 7388	0 5888	0 7388	0 5888	0 3113	0 3113
0 89	0 7531	0 5996	0 7531	0 5996	0 3113	0 3113
1 09	0 7812	0 6196	0 7812	0 6196	0 3113	0 3113
1 29	0 8035	0 6353	0 8035	0 6353	0 3113	0 3113
1 49	0 8295	0 6534	0 8295	0 6534	0 3113	0 3113
1 72	0 8464	0 6651	0 8464	0 6651	0 3113	0 3113
2 22	0 8778	0 6865	0 8778	0 6865	0 3113	0 3113
2 71	0 9087	0 7079	0 9087	0 7079	0 3113	0 3113
3 19	0 9243	0 7177	0 9243	0 7177	0 3113	0 3113
3 78	0 9475	0 7338	0 9475	0 7338	0 3113	0 3113
4 72	0 9765	0 7518	0 9765	0 7518	0 3113	0 3113
6 71	1 0246	0 7825	1 0246	0 7825	0 3113	0 3113
8 72	1 0693	0 8104	1 0693	0 8104	0 3113	0 3113
10 69	1 1051	0 8324	1 1051	0 8324	0 3113	0 3113
12 70	1 1429	0 8558	1 1429	0 8558	0 3113	0 3113
14 75	1 1772	0 8752	1 1772	0 8752	0 3113	0 3113
16 69	1 2113	0 8948	1 2113	0 8948	0 3113	0 3113
18 69	1 2392	0 9107	1 2392	0 9107	0 3113	0 3113
20 70	1 2696	0 9276	1 2696	0 9276	0 3113	0 3113
23 33	1 3013	0 9449	1 3013	0 9449	0 3113	0 3113
25 70	1 3338	0 9620	1 3338	0 9620	0 3113	0 3113
28 22	1 3578	0 9751	1 3578	0 9751	0 3113	0 3113
30 79	1 3798	0 9866	1 3798	0 9866	0 3113	0 3113
33 32	1 3945	0 9941	1 3945	0 9941	0 3113	0 3113
35 72	1 4019	0 9979	1 4019	0 9979	0 3113	0 3113
38 19	1 4047	0 9994	1 4047	0 9994	0 3113	0 3113
40 69	1 4053	0 9996	1 4053	0 9996	0 3113	0 3113
45 72	1 4060	1 0000	1 4060	1 0000	0 3113	0 3113
50 73	1 4067	1 0004	1 4067	1 0004	0 3113	0 3113
102 11	1 4085	1 0013	1 4085	1 0013	0 3113	0 3113
112 11	1 4074	1 0007	1 4074	1 0007	0 3113	0 3113
122 12	1 4081	1 0011	1 4081	1 0011	0 3113	0 3113
132 21	1 4082	1 0011	1 4082	1 0011	0 3113	0 3113
142 11	1 4074	1 0007	1 4074	1 0007	0 3113	0 3113
152 15	1 4077	1 0009	1 4077	1 0009	0 3113	0 3113

M (NOMINAL)= 1 4

X=-245 MM T0=300 6 K DEL 995= 36 6 MM
RE/M=10 00*10^6 (MEASURED P) ME=1 596 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3163	0 3163
0 69	0 7241	0 5817	0 7241	0 5817	0 3163	0 3163
0 92	0 7578	0 6055	0 7578	0 6055	0 3163	0 3163
1 09	0 7777	0 6203	0 7777	0 6203	0 3163	0 3163
1 29	0 7995	0 6357	0 7995	0 6357	0 3163	0 3163
1 71	0 8171	0 6481	0 8171	0 6481	0 3163	0 3163
1 71	0 8377	0 6625	0 8377	0 6625	0 3163	0 3163
2 19	0 8657	0 6817	0 8657	0 6817	0 3163	0 3163
2 69	0 8894	0 6979	0 8894	0 6979	0 3163	0 3163
3 22	0 9151	0 7152	0 9151	0 7152	0 3163	0 3163
3 84	0 9374	0 7301	0 9374	0 7301	0 3163	0 3163
4 72	0 9632	0 7471	0 9632	0 7471	0 3163	0 3163
6 69	1 0128	0 7791	1 0128	0 7791	0 3163	0 3163
8 74	1 0529	0 8044	1 0529	0 8044	0 3163	0 3163
10 72	1 0908	0 8274	1 0908	0 8274	0 3163	0 3163
12 72	1 1288	0 8510	1 1288	0 8510	0 3163	0 3163
14 69	1 1613	0 8703	1 1613	0 8703	0 3163	0 3163
16 69	1 1958	0 8905	1 1958	0 8905	0 3163	0 3163
18 72	1 2253	0 9074	1 2253	0 9074	0 3163	0 3163
20 70	1 2544	0 9239	1 2544	0 9239	0 3163	0 3163
23 19	1 2882	0 9426	1 2882	0 9426	0 3163	0 3163
25 77	1 3188	0 9588	1 3188	0 9588	0 3163	0 3163
28 20	1 3437	0 9726	1 3437	0 9726	0 3163	0 3163
30 71	1 3670	0 9849	1 3670	0 9849	0 3163	0 3163
33 20	1 3812	0 9923	1 3812	0 9923	0 3163	0 3163
35 69	1 3908	0 9975	1 3908	0 9975	0 3163	0 3163
38 27	1 3931	0 9985	1 3931	0 9985	0 3163	0 3163
40 70	1 3933	0 9986	1 3933	0 9986	0 3163	0 3163
45 69	1 3960	1 0000	1 3960	1 0000	0 3163	0 3163
50 73	1 3960	1 0000	1 3960	1 0000	0 3163	0 3163
102 11	1 3963	1 0001	1 3963	1 0001	0 3163	0 3163
112 14	1 3956	0 9998	1 3956	0 9998	0 3163	0 3163
122 12	1 3960	1 0000	1 3960	1 0000	0 3163	0 3163
132 11	1 3959	0 9999	1 3959	0 9999	0 3163	0 3163
142 12	1 3938	0 9988	1 3938	0 9988	0 3163	0 3163
152 15	1 3947	0 9994	1 3947	0 9994	0 3163	0 3163

M (NOMINAL)= 1 4

X=-220 MM T0=300 4 K DEL 995= 37 0 MM
RE/M=10 03*10^6 (MEASURED P) ME=1 386 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3201	0 3201
0 69	0 7124	0 5762	0 7124	0 5762	0 3201	0 3201
0 90	0 7411	0 5971	0 7411	0 5971	0 3201	0 3201
1 13	0 7698	0 6178	0 7698	0 6178	0 3201	0 3201
1 31	0 9139	0 7181	0 9139	0 7181	0 3201	0 3201
1 49	0 8019	0 6421	0 8019	0 6421	0 3201	0 3201
1 69	0 8216	0 6546	0 8216	0 6546	0 3201	0 3201
2 20	0 8514	0 6754	0 8514	0 6754	0 3201	0 3201
2 69	0 8887	0 6956	0 8887	0 6956	0 3201	0 3201
3 22	0 9045	0 7118	0 9045	0 7118	0 3201	0 3201
3 72	0 9220	0 7235	0 9220	0 7235	0 3201	0 3201
4 98	0 9556	0 7468	0 9556	0 7468	0 3201	0 3201
6 78	1 0087	0 7753	1 0087	0 7753	0 3201	0 3201
8 71	1 0598	0 8083	1 0598	0 8083	0 3201	0 3201
10 78	1 0765	0 8234	1 0765	0 8234	0 3201	0 3201
12 78	1 1157	0 8475	1 1157	0 8475	0 3201	0 3201
14 69	1 1787	0 8851	1 1787	0 8851	0 3201	0 3201
16 69	1 1787	0 8851	1 1787	0 8851	0 3201	0 3201
18 72	1 2125	0 9048	1 2125	0 9048	0 3201	0 3201
20 78	1 2482	0 9296	1 2482	0 9296	0 3201	0 3201
23 28	1 2739	0 9396	1 2739	0 9396	0 3201	0 3201
25 72	1 3050	0 9568	1 3050	0 9568	0 3201	0 3201
28 27	1 3331	0 9728	1 3331	0 9728	0 3201	0 3201
30 78	1 3551	0 9837	1 3551	0 9837	0 3201	0 3201
33 19	1 3681	0 9906	1 3681	0 9906	0 3201	0 3201
35 69	1 3774	0 9955	1 3774	0 9955	0 3201	0 3201
38 25	1 3828	0 9983	1 3828	0 9983	0 3201	0 3201
40 78	1 3846	0 9993	1 3846	0 9993	0 3201	0 3201
45 85	1 3860	1 0000	1 3860	1 0000	0 3201	0 3201
50 74	1 3853	0 9996	1 3853	0 9996	0 3201	0 3201
102 11	1 3838	0 9988	1 3838	0 9988	0 3201	0 3201
112 12	1 3828	0 9983	1 3828	0 9983	0 3201	0 3201
122 12	1 3839	0 9989	1 3839	0 9989	0 3201	0 3201
132 12	1 3841	0 9990	1 3841	0 9990	0 3201	0 3201
142 12	1 3838	0 9988	1 3838	0 9988	0 3201	0 3201
152 16	1 3831	0 9985	1 3831	0 9985	0 3201	0 3201

M (NOMINAL)= 1.4

X=-192 MM TB=300.3 K DEL 995= 37.5 MM
RE/M=10 04*10^6 (MEASURED P) ME=1.384 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3224	0.3225
0.69	0.6970	0.5669	0.6970	0.5669	0.3224	0.3224
0.89	0.7238	0.5861	0.7238	0.5861	0.3224	0.3224
1.10	0.7522	0.6068	0.7522	0.6068	0.3224	0.3224
1.20	0.7728	0.6216	0.7728	0.6216	0.3224	0.3223
1.48	0.7892	0.6334	0.7892	0.6334	0.3224	0.3223
1.70	0.8102	0.6483	0.8102	0.6483	0.3224	0.3223
2.20	0.8427	0.6711	0.8427	0.6711	0.3224	0.3222
2.70	0.8680	0.6886	0.8680	0.6886	0.3224	0.3222
3.19	0.8909	0.7044	0.8909	0.7044	0.3224	0.3221
3.69	0.9069	0.7153	0.9069	0.7153	0.3224	0.3220
4.68	0.9292	0.7308	0.9292	0.7308	0.3224	0.3219
6.72	0.9521	0.7718	0.9521	0.7718	0.3224	0.3216
8.69	1.0163	0.7977	1.0023	0.7977	0.3224	0.3214
10.69	1.0415	0.8224	1.0715	0.8224	0.3224	0.3211
12.70	1.1048	0.8438	1.1048	0.8438	0.3224	0.3209
14.70	1.1379	0.8631	1.1379	0.8631	0.3224	0.3207
16.68	1.1682	0.8812	1.1682	0.8812	0.3224	0.3206
18.70	1.2017	0.9009	1.2017	0.9009	0.3224	0.3204
20.68	1.2313	0.9188	1.2313	0.9188	0.3224	0.3203
23.20	1.2653	0.9372	1.2653	0.9372	0.3224	0.3202
25.68	1.2950	0.9537	1.2950	0.9537	0.3224	0.3202
28.19	1.3244	0.9698	1.3244	0.9698	0.3224	0.3201
30.69	1.3462	0.9816	1.3464	0.9808	0.3221	0.3200
33.19	1.3626	0.9908	1.3635	0.9891	0.3218	0.3200
35.70	1.3720	0.9953	1.3736	0.9944	0.3218	0.3204
38.21	1.3764	0.9976	1.3786	0.9971	0.3216	0.3207
40.70	1.3799	0.9994	1.3826	0.9992	0.3214	0.3210
45.72	1.3810	1.0000	1.3842	1.0000	0.3212	0.3212
50.82	1.3806	0.9998	1.3842	1.0000	0.3210	0.3210
55.71	1.3798	0.9995	1.3835	0.9998	0.3209	0.3209
102.11	1.3775	0.9982	1.3859	1.0009	0.3193	0.3194
112.11	1.3798	0.9993	1.3895	1.0028	0.3188	0.3188
122.10	1.3791	0.9990	1.3900	1.0030	0.3183	0.3183
132.11	1.3785	0.9987	1.3902	1.0031	0.3181	0.3181
142.12	1.3775	0.9982	1.3899	1.0030	0.3178	0.3178
152.24	1.3770	0.9979	1.3900	1.0030	0.3176	0.3176
157.15	1.3769	0.9978	1.3902	1.0031	0.3175	0.3175

M (NOMINAL)= 1.4

X=-171 MM TB=300.2 K DEL 995= 36.6 MM
RE/M=10 04*10^6 (MEASURED P) ME=1.382 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3253	0.3281
0.69	0.7827	0.5730	0.7827	0.5730	0.3253	0.3279
0.89	0.7189	0.5849	0.7189	0.5849	0.3253	0.3278
1.09	0.7436	0.6031	0.7436	0.6031	0.3253	0.3277
1.28	0.7666	0.6199	0.7665	0.6179	0.3253	0.3277
1.49	0.7848	0.6329	0.7848	0.6329	0.3253	0.3276
1.69	0.8014	0.6448	0.8014	0.6448	0.3253	0.3275
2.19	0.8377	0.6704	0.8377	0.6704	0.3253	0.3273
2.70	0.8629	0.6881	0.8629	0.6881	0.3253	0.3272
3.19	0.8831	0.7021	0.8831	0.7021	0.3253	0.3270
3.70	0.9026	0.7151	0.9026	0.7151	0.3253	0.3268
4.68	0.9287	0.7338	0.9287	0.7338	0.3253	0.3265
6.69	0.9641	0.7708	0.9641	0.7708	0.3253	0.3260
8.70	0.9269	0.7976	1.0269	0.7976	0.3253	0.3255
10.68	1.0686	0.8136	1.0614	0.8125	0.3251	0.3250
12.70	1.0969	0.8411	1.0989	0.8378	0.3245	0.3245
14.69	1.1308	0.8620	1.1336	0.8588	0.3239	0.3240
16.68	1.1596	0.8798	1.164	0.8766	0.3232	0.3237
18.69	1.1901	0.8979	1.1968	0.8954	0.3226	0.3234
20.68	1.2203	0.9155	1.2282	0.9135	0.3222	0.3231
23.19	1.2585	0.9371	1.2671	0.9355	0.3220	0.3225
25.69	1.2875	0.9536	1.2968	0.9519	0.3217	0.3220
28.18	1.3138	0.9677	1.3238	0.9663	0.3215	0.3217
30.70	1.3365	0.9805	1.3472	0.9791	0.3214	0.3214
33.21	1.3547	0.9903	1.3662	0.9891	0.3210	0.3211
35.69	1.3649	0.9957	1.3771	0.9950	0.3207	0.3208
38.19	1.3712	0.9991	1.3841	0.9987	0.3205	0.3206
40.70	1.3738	1.0000	1.3866	1.0000	0.3204	0.3204
45.75	1.3738	1.0004	1.3888	1.0011	0.3197	0.3197
50.72	1.3722	1.0001	1.3894	1.0015	0.3194	0.3194
102.11	1.3726	0.9998	1.3898	1.0012	0.3163	0.3163
112.10	1.3742	0.9991	1.3898	1.0012	0.3161	0.3161
122.10	1.3787	0.9988	1.3901	1.0013	0.3161	0.3161
132.12	1.3785	0.9987	1.3902	1.0013	0.3161	0.3161
142.12	1.3784	0.9986	1.3958	1.0044	0.3162	0.3162
152.14	1.3789	0.9989	1.3969	1.0054	0.3157	0.3157
157.14	1.3789	0.9989	1.3969	1.0054	0.3157	0.3157

M (NOMINAL)= 1.4

X=-144 MM TB=299.9 K DEL 995= 37.1 MM
RE/M=10 06*10^6 (MEASURED P) ME=1.375 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3375	0.3401
0.69	0.6595	0.5500	0.6595	0.5500	0.3375	0.3399
0.89	0.6689	0.5572	0.6689	0.5572	0.3375	0.3399
1.09	0.6958	0.5771	0.6958	0.5771	0.3375	0.3398
1.29	0.7160	0.5929	0.7160	0.5929	0.3375	0.3397
1.49	0.7389	0.6108	0.7389	0.6108	0.3375	0.3396
1.69	0.7570	0.6235	0.7570	0.6235	0.3375	0.3395
2.19	0.7960	0.6521	0.7960	0.6521	0.3375	0.3392
2.69	0.8216	0.6706	0.8216	0.6706	0.3375	0.3389
3.19	0.8417	0.6858	0.8417	0.6858	0.3375	0.3386
3.69	0.8679	0.7067	0.8679	0.7067	0.3375	0.3383
4.69	0.8951	0.7325	0.8951	0.7325	0.3375	0.3377
6.69	0.9474	0.7539	0.9474	0.7448	0.3375	0.3369
8.69	0.9891	0.7807	0.9891	0.7722	0.3375	0.3361
10.69	1.0219	0.8121	1.0317	0.7995	0.3375	0.3349
12.69	1.0617	0.8341	1.0677	0.8257	0.3375	0.3340
14.71	1.0961	0.8558	1.1044	0.8454	0.3375	0.3332
16.68	1.1274	0.8751	1.1381	0.8660	0.3375	0.3327
18.69	1.1600	0.8951	1.1731	0.8870	0.3375	0.3315
20.73	1.1911	0.9141	1.2065	0.9065	0.3375	0.3307
23.19	1.2311	0.9352	1.2486	0.9282	0.3375	0.3298
25.69	1.2614	0.9496	1.2788	0.9433	0.3298	0.3289
28.20	1.2842	0.9578	1.3046	0.9621	0.3298	0.3281
30.69	1.3051	0.9801	1.3287	0.9753	0.3282	0.3271
33.19	1.3201	0.9896	1.3485	0.9859	0.3272	0.3266
35.72	1.3324	0.9953	1.3616	0.9929	0.3262	0.3259
38.19	1.3387	0.9987	1.3705	0.9977	0.3254	0.3253
40.71	1.3410	1.0000	1.3749	1.0008	0.3244	0.3247
45.69	1.3419	1.0005	1.3777	1.0031	0.3239	0.3239
50.78	1.415	1.0003	1.3782	1.0017	0.3234	0.3234
55.66	1.3410	1.0000	1.3799	1.0042	0.3229	0.3229
102.11	1.3402	0.9996	1.3874	1.0065	0.3195	0.3195
112.11	1.3402	0.9996	1.3874	1.0065	0.3195	0.3195
122.15	1.3399	0.9994	1.3871	1.0064	0.3195	0.3175
132.11	1.3397	0.9993	1.3874	1.0066	0.3193	0.3193
142.13	1.3387	0.9987	1.3892	1.0075	0.3185	0.3185
152.12	1.3382	0.9985	1.3914	1.0086	0.3173	0.3173
157.10	1.3371	0.9979	1.3916	1.0088	0.3168	0.3168

M (NOMINAL)= 1.4

X=-120 MM TB=299.x K DEL 995= 36.x MM
RE/M=10 01*10^6 (MEASURED P) ME=1.359 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3511	0.3529
0.69	0.6876	0.5196	0.6876	0.5196	0.3511	0.3514
0.88	0.6955	0.5417	0.6955	0.5417	0.3511	0.3512
1.09	0.6577	0.5589	0.6577	0.5589	0.3511	0.3512
1.30	0.6775	0.5715	0.6775	0.5715	0.3511	0.3509
1.49	0.7006	0.5924	0.7006	0.5924	0.3511	0.3504
1.69	0.7188	0.6065	0.7188	0.6065	0.3511	0.3504
2.19	0.7569	0.6321	0.7569	0.6321	0.3511	0.3501
2.70	0.7774	0.6477	0.7774	0.6477	0.3511	0.3491
3.19	0.8051	0.6731	0.8051	0.6731	0.3511	0.3484
3.69	0.8314	0.6929	0.8314	0.6929	0.3511	0.3477
4.69	0.8614	0.7241	0.8625	0.7241	0.3511	0.3468
6.69	0.9146	0.7727	0.9146	0.7727	0.3511	0.3454
8.69	0.9580	0.8076	0.9580	0.8076	0.3511	0.3441
10.69	0.9920	0.8344	0.9920	0.8344	0.3511	0.3429
12.70	1.0247	0.8574	1.0247	0.8574	0.3511	0.3418
14.69	1.0611	0.8779	1.0611	0.8779	0.3508	0.3408
16.69	1.0957	0.8967	1.0967	0.8938	0.3508	0.3403
18.70	1.1138	0.9131	1.1151	0.8689	0.3504	0.3396
20.69	1.1489	0.9356	1.1523	0.8837	0.3496	0.3444
23.19	1.1851	0.9581	1.1930	0.9060	0.3481	0.3429
25.68	1.2210	0.9797	1.2329	0.9314	0.3467	0.3414
28.20	1.2474	0.9954	1.2636	0.9491	0.3446	0.3401
30.70	1.2741	0.9810	1.2948	0.9667	0.3427	0.3387
33.21	1.2864	0.9888	1.3124	0.9765	0.3407	0.3377
35.68	1.2916	0.9969	1.3225	0.9875	0.3386	0.3366
38.19	1.2965	0.9997	1.3425	0.9938	0.3367	0.3357
40.73	1.2988	1.0010	1.3491	0.9969	0.3349	0.3346
45.69	1.2978	1.0008	1.3555	1.0000	0.3319	0.3319
50.69	1.2979	1.0005	1.3540	1.0046	0.3298	0.3298
102.11	1.2960	0.9994	1.3560	1.0016	0.3167	0.3167
112.11	1.2945	0.9986	1.3545	1.0288	0.3161	0.3161
122.11	1.2940	0.9983	1.3575	1.0285	0.3156	0.3156
132.12	1.2956	0.9992	1.3556	1.0214	0.3163	0.3163
142.15	1.2949	0.9988	1.3552	1.0212	0.3162	0.3162
152.11	1.2953	0.9990	1.3578	1.0221	0.3157	0.3157

M (NOMINAL) = 1.4

X=-95 MM T0=299.4 K DEL 995= 48.7 MM
RE/M=10.22*10^6 (MEASURED P) ME=1.325 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3982	0.3843
0.69	0.5020	0.4474	0.5020	0.4474	0.3982	0.3837
0.99	0.5204	0.4638	0.5204	0.4638	0.3982	0.3835
1.09	0.5494	0.4866	0.5494	0.4866	0.3982	0.3834
1.29	0.5721	0.5055	0.5721	0.5055	0.3982	0.3832
1.49	0.5895	0.5199	0.5895	0.5199	0.3982	0.3830
1.69	0.5948	0.5243	0.5948	0.5243	0.3982	0.3829
2.19	0.6392	0.5605	0.6392	0.5605	0.3982	0.3824
2.78	0.6687	0.5779	0.6687	0.5779	0.3982	0.3820
3.09	0.6847	0.5971	0.6847	0.5971	0.3982	0.3817
3.71	0.7138	0.6282	0.7138	0.6282	0.3982	0.3812
4.78	0.7510	0.6693	0.7510	0.6693	0.3982	0.3803
6.73	0.8135	0.6973	0.8135	0.6684	0.3795	0.3706
8.78	0.8566	0.7296	0.8603	0.7085	0.3782	0.3772
10.69	0.8971	0.7594	0.9026	0.7383	0.3779	0.3757
12.69	0.9389	0.7839	0.9382	0.7548	0.3771	0.3743
14.93	0.9836	0.8212	0.9927	0.7916	0.3762	0.3726
16.72	0.9972	0.8387	1.0079	0.8017	0.3755	0.3718
18.72	1.0362	0.8575	1.0484	0.8282	0.3747	0.3693
20.72	1.0684	0.8793	1.0827	0.8583	0.3737	0.3676
23.22	1.1148	0.9188	1.1329	0.8818	0.3719	0.3652
25.74	1.1428	0.9276	1.1648	0.9089	0.3702	0.3628
28.22	1.1759	0.9492	1.2018	0.9236	0.3684	0.3608
30.72	1.2063	0.9683	1.2372	0.9445	0.3663	0.3589
33.19	1.2264	0.9886	1.2629	0.9689	0.3634	0.3571
35.70	1.2438	0.9914	1.2887	0.9742	0.3604	0.3552
38.18	1.2526	0.9969	1.3049	0.9833	0.3574	0.3514
40.68	1.2482	0.9941	1.3076	0.9849	0.3542	0.3515
45.75	1.2500	1.0000	1.3348	1.0000	0.3472	0.3472
50.71	1.2443	0.9917	1.3377	1.0016	0.3403	0.3403
55.70	1.2489	0.9945	1.3577	1.0125	0.3344	0.3344
60.68	1.2437	0.9913	1.3670	1.0176	0.3287	0.3287
70.71	1.2425	0.9906	1.3866	1.0282	0.3208	0.3208
80.70	1.2488	0.9895	1.3977	1.0341	0.3161	0.3161
90.72	1.2419	0.9902	1.4014	1.0361	0.3152	0.3152
102.11	1.2414	0.9899	1.4015	1.0361	0.3150	0.3150
112.11	1.2395	0.9888	1.4017	1.0362	0.3142	0.3142
122.14	1.2403	0.9892	1.4025	1.0366	0.3142	0.3142
132.14	1.2406	0.9895	1.4029	1.0369	0.3142	0.3142
142.10	1.2413	0.9898	1.4035	1.0372	0.3142	0.3142
152.13	1.2395	0.9886	1.4023	1.0365	0.3140	0.3140
162.10	1.2400	0.9895	1.4056	1.0384	0.3132	0.3132
172.13	1.2416	0.9901	1.4067	1.0389	0.3132	0.3132
182.12	1.2406	0.9895	1.4057	1.0383	0.3132	0.3132
192.14	1.2424	0.9905	1.4075	1.0393	0.3132	0.3132

M (NOMINAL) = 1.4

X=-73 MM T0=298.9 K DEL 995= 48.6 MM
RE/M=10.25*10^6 (MEASURED P) ME=1.279 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4056	0.4126
0.69	0.4184	0.3865	0.4184	0.3865	0.4056	0.4121
0.89	0.4452	0.4101	0.4452	0.4101	0.4056	0.4120
1.09	0.4652	0.4288	0.4652	0.4288	0.4056	0.4118
1.29	0.4679	0.4304	0.4679	0.4304	0.4056	0.4117
1.48	0.4832	0.4438	0.4832	0.4438	0.4056	0.4116
1.69	0.4956	0.4549	0.4956	0.4549	0.4056	0.4114
2.18	0.5157	0.4722	0.5157	0.4722	0.4056	0.4111
2.69	0.5519	0.5035	0.5519	0.5035	0.4056	0.4107
3.18	0.5734	0.5219	0.5734	0.5219	0.4056	0.4104
3.68	0.6023	0.5465	0.6023	0.5465	0.4056	0.4100
4.69	0.6435	0.5811	0.6435	0.5811	0.4056	0.4092
6.73	0.7287	0.6446	0.7216	0.6186	0.4053	0.4077
8.77	0.7620	0.6778	0.7640	0.6512	0.4048	0.4061
10.75	0.8816	0.7891	0.8048	0.6822	0.4043	0.4046
12.75	0.8222	0.7329	0.8373	0.7065	0.4035	0.4029
14.67	0.8651	0.7583	0.8726	0.7318	0.4027	0.4012
16.67	0.9087	0.8000	0.9089	0.7727	0.4019	0.3993
18.71	0.9691	0.8355	0.9708	0.8077	0.4011	0.3974
20.71	0.9947	0.8540	1.0065	0.8268	0.4001	0.3957
23.19	1.0427	0.8888	1.0577	0.8613	0.3984	0.3935
25.68	1.0852	0.9174	1.1038	0.8916	0.3966	0.3913
28.20	1.1821	0.9289	1.1242	0.9048	0.3949	0.3889
30.71	1.1316	0.9488	1.1588	0.9263	0.3928	0.3865
33.19	1.1685	0.9679	1.1927	0.9488	0.3901	0.3841
35.70	1.1865	0.9849	1.2247	0.9676	0.3873	0.3816
38.19	1.1998	0.9929	1.2432	0.9787	0.3846	0.3790
40.70	1.2071	0.9961	1.2581	0.9877	0.3815	0.3768
45.71	1.2180	1.0000	1.2789	1.0000	0.3735	0.3726
50.70	1.2079	0.9967	1.2955	1.0097	0.3655	0.3653
55.70	1.2181	1.0001	1.3208	1.0248	0.3558	0.3556
60.72	1.1998	0.9935	1.3324	1.0310	0.3467	0.3463
70.71	1.1974	0.9919	1.3742	1.0546	0.3289	0.3289
80.70	1.1937	0.9895	1.3968	1.0667	0.3193	0.3193
90.70	1.1871	0.9853	1.4019	1.0699	0.3146	0.3146
102.11	1.1858	0.9844	1.3999	1.0689	0.3148	0.3148
112.17	1.1849	0.9839	1.3969	1.0672	0.3156	0.3156
122.13	1.1864	0.9848	1.3984	1.0680	0.3156	0.3156
132.13	1.1868	0.9846	1.3988	1.0678	0.3156	0.3156
142.12	1.1870	0.9852	1.3998	1.0684	0.3156	0.3156
152.12	1.1862	0.9847	1.3981	1.0679	0.3156	0.3156
162.14	1.1866	0.9850	1.3986	1.0681	0.3156	0.3156
172.13	1.1868	0.9850	1.3994	1.0685	0.3154	0.3154
182.12	1.1862	0.9847	1.4015	1.0697	0.3144	0.3144
192.12	1.1853	0.9841	1.4032	1.0706	0.3135	0.3135

M (NOMINAL) = 1.4

X=-48 MM T0=298.2 K DEL 995= 44.2 MM
RE/M=10.27*10^6 (MEASURED P) ME=1.213 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4353	0.4586
0.69	0.3481	0.3348	0.3481	0.3348	0.4353	0.4584
0.89	0.3591	0.3451	0.3591	0.3451	0.4353	0.4583
1.10	0.3575	0.3435	0.3575	0.3435	0.4353	0.4581
1.29	0.3721	0.3574	0.3721	0.3574	0.4353	0.4580
1.49	0.3645	0.3500	0.3645	0.3500	0.4353	0.4499
1.71	0.3957	0.3792	0.3957	0.3792	0.4353	0.4496
2.20	0.4083	0.3835	0.4083	0.3835	0.4353	0.4494
2.71	0.4221	0.4003	0.4221	0.4003	0.4353	0.4491
3.22	0.4412	0.4242	0.4412	0.4242	0.4353	0.4488
3.69	0.4557	0.4346	0.4557	0.4346	0.4353	0.4485
4.71	0.4974	0.4725	0.4974	0.4725	0.4353	0.4479
6.76	0.5714	0.5396	0.5719	0.5396	0.4353	0.4467
8.73	0.6419	0.6004	0.6419	0.6004	0.4353	0.4451
10.82	0.6695	0.6242	0.6696	0.6819	0.4352	0.4437
12.71	0.7401	0.6858	0.7406	0.6797	0.4350	0.4424
14.76	0.7714	0.7096	0.7725	0.6858	0.4348	0.4410
16.78	0.7986	0.7253	0.7951	0.7085	0.4346	0.4395
18.69	0.850	0.7734	0.8522	0.7470	0.4344	0.4379
20.78	0.8479	0.7877	0.8709	0.761	0.4341	0.4361
23.20	0.9149	0.8293	0.9489	0.8136	0.4324	0.4343
25.77	0.9786	0.8666	0.9746	0.8419	0.4308	0.4322
28.19	1.0265	0.9078	1.0388	0.8852	0.4294	0.4300
30.78	1.0520	0.9319	1.0466	0.8859	0.4279	0.4277
35.70	1.0885	0.9524	1.1096	0.9325	0.4243	0.4232
40.69	1.1422	0.9899	1.1789	0.9731	0.4204	0.4185
45.74	1.1557	0.9991	1.1975	0.9981	0.4138	0.4108
50.88	1.1570	1.0000	1.2126	1.0000	0.4070	0.4070
55.75	1.1562	1.0000	1.2268	1.0101	0.3997	0.3947
60.82	1.1569	0.9999	1.2441	1.0159	0.3918	0.3816
70.67	1.1571	1.0001	1.2829	1.0435	0.3744	0.3542
80.69	1.1388	0.9876	1.3038	1.0562	0.3577	0.3383
90.73	1.1502	0.9974	1.3511	1.0858	0.3418	0.3148
102.11	1.1439	0.9841	1.3574	1.0869	0.3286	0.3026
112.24	1.1434	0.9869	1.3654	1.0932	0.3261	0.2976
122.12	1.1298	0.9888	1.3657	1.0934	0.3281	0.3021
132.12	1.1492	0.9884	1.3686	1.0951	0.3271	0.3011
142.11	1.1285	0.9884	1.3708	1.0959	0.3265	0.3005
152.38	1.1287	0.9885	1.3701	1.0963	0.3261	0.3001
162.24	1.1298	0.9888	1.3718	1.0971	0.3253	0.2993
172.89	1.1268	0.9874	1.3708	1.0964	0.3253	0.2993
182.11	1.1268	0.9874	1.3708	1.0964	0.3253	0.2993
192.15	1.1277	0.9879	1.3718	1.0969	0.3253	0.2993

M (NOMINAL) = 1.4

X=-24 MM T0=298.6 K DEL 995= 48.6 MM
RE/M=10.25*10^6 (MEASURED P) ME=1.123 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4638	0.4895
0.69	0.2162	0.2169	0.2162	0.2169	0.4638	0.4894
0.98	0.2137	0.2144	0.2137	0.2144	0.4638	0.4892
1.09	0.2547	0.2551	0.2547	0.2551	0.4638	0.4891
1.32	0.2611	0.2616	0.2611	0.2616	0.4638	0.4891
1.56	0.2843	0.2843	0.2843	0.2843	0.4638	0.4890
1.74	0.2996	0.2993	0.2996	0.2993	0.4638	0.4889
2.21	0.2990	0.2987	0.2990	0.2987	0.4638	0.4888
2.72	0.2987	0.2984	0.2987	0.2984	0.4638	0.4886
3.22	0.3122	0.3116	0.3122	0.3116	0.4638	0.4884
3.72	0.3271	0.3262	0.3271	0.3262	0.4638	0.4881
4.71	0.3589	0.3572	0.3589	0.3572	0.4638	0.4874
6.71	0.4408	0.4435	0.4408	0.4435	0.4638	0.4872
8.71	0.4815	0.4745	0.4815	0.4745	0.4638	0.4865
10.78	0.5048	0.4963	0.5058	0.4916	0.4637	0.4857
12.73	0.5594	0.5478	0.5686	0.5416	0.4635	0.4856
14.78	0.6377	0.6182	0.6398	0.6124	0.4633	0.4843
16.74	0.6982	0.6718	0.6998	0.6657	0.4631	0.4835
18.69	0.7081	0.6885	0.7187	0.6747	0.4629	0.4828
20.72	0.7772	0.7480	0.7796	0.7337	0.4627	0.4821
25.78	0.8391	0.7919	0.8424	0.7857	0.4622	0.4795
30.69	0.9405	0.8739	0.9446	0.8677	0.4617	0.4767
35.74	1.0297	0.9428	1.0355	0.9365	0.4608	0.4738
40.71	1.0686	0.9718	1.0764	0.9665	0.4598	0.4701
45.75	1.0969	0.9927	1.1072	0.9848	0.4581	0.4661
50.79	1.1066	0.9997	1.1195	0.9976	0.4566	0.4615
55.78	1.1070	1.0000	1.1226	1.0000	0.4551	0.4566
60.72	1.1041	0.9979	1.1228	1.0001	0.4514	0.4514
70.74	1.1066	0.9997	1.1344	1.0083	0.4404	0.4404
80.71	1.1074	1.0003	1.1449	1.0157	0.4312	0.4312
90.72	1.1074	1.0003	1.1594	1.0262	0.4176	0.4176
100.11	1.1051	0.9986	1.1757	1.0372	0.4059	0.4059
110.12	1.1050	0.9985	1.1941	1.0508	0.4161	0.4161
120.14	1.0825	0.9821	1.1969	1.0518	0.4038	0.4038
130.11	1.0816	0.9815	1.2278	1.0722	0.3890	0.3890
140.13	1.0811	0.9811	1.2685	1.0997	0.3699	0.3699
150.11	1.0768	0.9779	1.3172	1.1312	0.3473	0.3473
160.14	1.0759	0.9771	1.3652	1.1614	0.3288	0.3288
170.16	1.0759	0.9771	1.3944	1.1793	0.3171	0.3171
180.11	1.0761	0.9776	1.3995	1.1849	0.3154	0.3154
190.14	1.0769	0.9780	1.3929	1.1784	0.3181	0.3181

M (NOMINAL)= 1 4

X= 1 MM TB=296 3 K DEL 995= 51 1 MM
RE/M=10 10**6 (MEASURED P) ME=1 029 (MEASURED P)

	CONST PN		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4790	0 4488
0 69	0 1636	0 1697	0 1636	0 1697	0 4790	0 4496
0 90	0 2179	0 2229	0 2179	0 2229	0 4790	0 4498
1 09	0 2238	0 2288	0 2238	0 2288	0 4790	0 4500
1 29	0 2112	0 2161	0 2112	0 2161	0 4790	0 4502
1 50	0 2274	0 2325	0 2274	0 2325	0 4790	0 4504
1 69	0 2423	0 2475	0 2423	0 2475	0 4790	0 4507
2 23	0 2250	0 2300	0 2250	0 2300	0 4790	0 4512
2 75	0 2547	0 2600	0 2547	0 2600	0 4790	0 4518
3 25	0 2384	0 2435	0 2384	0 2435	0 4790	0 4523
3 70	0 2505	0 2638	0 2505	0 2638	0 4790	0 [illegible]
4 71	0 2839	0 2894	0 2839	0 2894	0 4790	0 4539
6 72	0 3332	0 3386	0 3316	0 3505	0 4791	0 4561
8 70	0 3799	0 3848	0 3769	0 3975	0 4797	0 4583
10 79	0 4205	0 4244	0 4169	0 4375	0 4802	0 4606
12 73	0 4614	0 4835	0 4763	0 4984	0 4805	0 4627
14 73	0 5473	0 5462	0 5417	0 5631	0 4809	0 4649
16 70	0 5918	0 5879	0 5855	0 6059	0 4813	0 4670
18 73	0 6136	0 6088	0 6064	0 6268	0 4817	0 4692
20 72	0 6856	0 6737	0 6783	0 6943	0 4821	0 4714
25 74	0 7945	0 7695	0 7858	0 7938	0 4831	0 4768
30 71	0 8618	0 8262	0 8586	0 8504	0 4846	0 4822
35 71	0 9216	0 8755	0 9024	0 8952	0 4891	0 4877
40 69	1 0063	0 9429	0 9881	0 9682	0 4938	0 4931
45 73	1 0615	0 9853	1 0267	0 9981	0 4993	0 4986
50 74	1 0758	0 9961	1 0321	1 0024	0 5047	0 5041
55 72	1 0810	1 0000	1 0291	1 0000	0 5097	0 5095
60 71	1 0814	1 0003	1 0212	0 9937	0 5148	0 5148
70 71	1 0801	0 9993	1 0018	0 9788	0 5258	0 5258
80 74	1 0686	0 9997	0 9842	0 9636	0 5369	0 5369
102 11	1 0794	0 9988	0 9445	0 9307	0 5609	0 5609
112 21	1 0806	0 9997	0 9307	0 9191	0 5704	0 5704
122 14	1 0802	0 9994	0 9138	0 9046	0 5809	0 5809
132 13	1 0771	0 9971	0 8965	0 8902	0 5897	0 5897
142 11	1 0687	0 9947	0 8638	0 8637	0 5975	0 5975
152 16	1 0575	0 9823	0 8513	0 8511	0 6043	0 6043
162 13	1 0568	0 9817	0 8416	0 8426	0 6099	0 6099
172 13	1 0542	0 9798	0 8323	0 8344	0 6139	0 6139
182 16	1 0499	0 9765	0 8211	0 8245	0 6176	0 6176

M (NOMINAL)= 1 4

X= 50 MM TB=298 7 K DEL 995= 56 3 MM
RE/M= 9 95*10**6 (MEASURED P) ME=1 015 (MEASURED P)

	CONST PN		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5036	0 4754
0 69	0 1496	0 1504	0 1496	0 1504	0 5036	0 4759
0 90	0 1701	0 1800	0 1701	0 1800	0 5036	0 4760
1 09	0 1662	0 1759	0 1662	0 1759	0 5036	0 4762
1 30	0 1779	0 1882	0 1779	0 1882	0 5036	0 4763
1 49	0 1628	0 1723	0 1628	0 1723	0 5036	0 4765
1 69	0 1829	0 1934	0 1829	0 1934	0 5036	0 4766
2 20	0 1979	0 2092	0 1979	0 2092	0 5036	0 4770
2 71	0 1889	0 1998	0 1889	0 1998	0 5036	0 4773
3 19	0 1913	0 2023	0 1913	0 2023	0 5036	0 4777
3 69	0 1963	0 2075	0 1963	0 2075	0 5036	0 4781
4 74	0 2211	0 2335	0 2211	0 2335	0 5036	0 4788
6 70	0 2662	0 2805	0 2662	0 2805	0 5036	0 4806
8 70	0 2658	0 2801	0 2658	0 2801	0 5036	0 4816
10 70	0 3114	0 3273	0 3114	0 3273	0 5036	0 4838
12 69	0 3437	0 3685	0 3437	0 3685	0 5036	0 4864
14 74	0 3871	0 4048	0 3871	0 4048	0 5036	0 4859
16 70	0 4391	0 4573	0 4391	0 4573	0 5036	0 4873
18 72	0 4692	0 4874	0 4692	0 4874	0 5036	0 4887
20 70	0 4974	0 5153	0 4969	0 5249	0 5037	0 4901
25 70	0 6831	0 6180	0 6883	0 6273	0 5047	0 4937
30 70	0 7198	0 7272	0 7150	0 7369	0 5058	0 4972
35 71	0 8386	0 8265	0 8234	0 8368	0 5073	0 5008
40 70	0 8561	0 8828	0 8867	0 8919	0 5087	0 5043
45 72	0 9665	0 9415	0 9558	0 9510	0 5097	0 5079
50 74	1 0078	0 9751	0 9958	0 9837	0 5111	0 5114
55 70	1 0346	0 9965	1 0164	1 0012	0 5146	0 5150
60 71	1 0398	1 0006	1 0149	1 0000	0 5182	0 5185
70 71	1 0399	1 0004	1 0017	0 9892	0 5262	0 5262
80 71	1 0391	1 0001	0 9875	0 9774	0 5350	0 5350
102 11	1 0382	0 9993	0 9636	0 9575	0 5493	0 5493
112 12	1 0385	0 9996	0 9511	0 9478	0 5573	0 5573
122 12	1 0386	0 9997	0 9392	0 9378	0 5649	0 5649
132 12	1 0374	0 9988	0 9285	0 9279	0 5709	0 5709
142 12	1 0386	0 9933	0 9116	0 9134	0 5769	0 5769
152 16	1 0168	0 9823	0 8873	0 8924	0 5827	0 5827
162 13	1 0150	0 9809	0 8777	0 8841	0 5875	0 5875
172 13	1 0126	0 9790	0 8694	0 8767	0 5910	0 5910
182 13	1 0122	0 9786	0 8667	0 8744	0 5924	0 5924

M (NOMINAL)= 1 4

X= 99 MM TB=298 6 K DEL 995= 59 1 MM
RE/M= 9 92*10**6 (MEASURED P) ME=1 000 (MEASURED P)

	CONST PN		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5201	0 5007
0 69	0 1669	0 1885	0 1669	0 1885	0 5201	0 5010
0 91	0 1733	0 1874	0 1733	0 1874	0 5201	0 5011
1 09	0 1772	0 1916	0 1772	0 1916	0 5201	0 5012
1 30	0 1683	0 1820	0 1683	0 1820	0 5201	0 5012
1 49	0 1866	0 2017	0 1866	0 2017	0 5201	0 5013
1 69	0 1875	0 2027	0 1875	0 2027	0 5201	0 5014
2 19	0 1786	0 1931	0 1786	0 1931	0 5201	0 5016
2 72	0 1866	0 2017	0 1866	0 2017	0 5201	0 5019
3 19	0 2011	0 2172	0 2011	0 2172	0 5201	0 5024
3 69	0 1863	0 2014	0 1863	0 2014	0 5201	0 5027
4 69	0 1893	0 2046	0 1893	0 2046	0 5201	0 5027
6 70	0 2583	0 2698	0 2583	0 2698	0 5201	0 5035
8 70	0 2438	0 2629	0 2438	0 2629	0 5201	0 5044
10 69	0 2616	0 2811	0 2616	0 2811	0 5201	0 5052
12 70	0 2964	0 3187	0 2964	0 3187	0 5201	0 5060
14 71	0 3374	0 3619	0 3374	0 3619	0 5201	0 5069
16 70	0 3787	0 3966	0 3787	0 3966	0 5201	0 5077
18 72	0 4063	0 4336	0 4063	0 4336	0 5201	0 5086
20 71	0 4476	0 4768	0 4476	0 4768	0 5201	0 5094
25 70	0 5446	0 5719	0 5446	0 5719	0 5201	0 5115
30 72	0 6519	0 6798	0 6518	0 6883	0 5202	0 5136
35 69	0 7462	0 7678	0 7451	0 7776	0 5207	0 5157
40 71	0 8325	0 8462	0 8383	0 8562	0 5212	0 5178
45 70	0 9157	0 9191	0 9119	0 9208	0 5222	0 5199
50 71	0 9725	0 9673	0 9671	0 9764	0 5233	0 5220
55 72	0 9998	0 9899	0 9920	0 9974	0 5248	0 5241
60 74	1 0108	0 9998	1 0085	1 0046	0 5264	0 5263
70 71	1 0120	1 0000	0 9958	1 0000	0 5305	0 5305
80 70	1 0117	0 9997	0 9865	0 9928	0 5355	0 5355
90 69	1 0107	0 9989	0 9760	0 9848	0 5414	0 5414
100 67	1 0111	0 9992	0 9708	0 9789	0 5454	0 5454
102 11	1 0120	1 0000	0 9701	0 9789	0 5459	0 5459
112 11	1 0107	0 9989	0 9620	0 9720	0 5502	0 5502
122 13	1 0116	0 9997	0 9549	0 9668	0 5552	0 5552
132 14	1 0099	0 9983	0 9456	0 9582	0 5597	0 5597
142 13	1 0064	0 9954	0 9371	0 9507	0 5638	0 5638
152 13	0 9985	0 9823	0 9141	0 9307	0 5670	0 5670
162 16	0 9884	0 9885	0 9854	0 9231	0 5710	0 5710
172 13	0 9862	0 9787	0 8973	0 9168	0 5745	0 5745
182 12	0 9835	0 9764	0 8918	0 9112	0 5761	0 5761
192 11	0 9835	0 9764	0 8918	0 9112	0 5761	0 5761
202 09	0 9812	0 9746	0 8894	0 9091	0 5761	0 5761

M (NOMINAL)= 1 4

X= 148 MM TB=298 4 K DEL 995= 60 5 MM
RE/M= 9 92*10**6 (MEASURED P) ME=0 988 (MEASURED P)

	CONST PN		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5387	0 5163
0 69	0 1720	0 1887	0 1720	0 1887	0 5387	0 5165
0 89	0 1791	0 1964	0 1791	0 1964	0 5387	0 5165
1 10	0 1864	0 2043	0 1864	0 2043	0 5387	0 5166
1 29	0 1997	0 2188	0 1997	0 2186	0 5387	0 5166
1 49	0 2174	0 2388	0 2174	0 2388	0 5387	0 5167
1 70	0 1980	0 2083	0 1980	0 2083	0 5387	0 5168
2 19	0 1918	0 2102	0 1918	0 2102	0 5387	0 5169
2 69	0 1952	0 2139	0 1952	0 2139	0 5387	0 5170
3 19	0 2242	0 2454	0 2242	0 2454	0 5387	0 5171
3 69	0 2277	0 2491	0 2277	0 2491	0 5387	0 5173
4 69	0 2226	0 2436	0 2226	0 2436	0 5387	0 5175
6 70	0 2284	0 2499	0 2284	0 2499	0 5387	0 5181
8 69	0 2581	0 2820	0 2581	0 2820	0 5387	0 5196
10 70	0 2733	0 2984	0 2733	0 2984	0 5387	0 5191
12 69	0 2986	0 3256	0 2986	0 3256	0 5387	0 5196
14 70	0 3318	0 3611	0 3318	0 3611	0 5387	0 5202
16 70	0 3667	0 3988	0 3667	0 3988	0 5387	0 5207
18 71	0 3894	0 4220	0 3894	0 4220	0 5387	0 5212
20 70	0 4389	0 4738	0 4389	0 4738	0 5387	0 5217
25 70	0 5182	0 5553	0 5182	0 5553	0 5387	0 5230
30 71	0 6289	0 6581	0 6289	0 6581	0 5387	0 5245
35 71	0 7081	0 7426	0 7081	0 7426	0 5387	0 5257
40 69	0 7995	0 8281	0 7995	0 8281	0 5387	0 5270
45 69	0 8814	0 9020	0 8814	0 9020	0 5387	0 5283
50 72	0 9374	0 9510	0 9373	0 9563	0 5388	0 5296
55 71	0 9792	0 9867	0 9782	0 9915	0 5313	0 5309
60 72	0 9915	0 9971	0 9895	1 0010	0 5319	0 5322
70 69	0 9950	1 0000	0 9883	1 0000	0 5348	0 5348
80 70	0 9956	1 0005	0 9856	0 9977	0 5369	0 5369
90 69	0 9947	0 9997	0 9798	0 9928	0 5399	0 5399
100 62	0 9947	0 9997	0 9751	0 9888	0 5428	0 5428
112 12	0 9946	0 9997	0 9718	0 9853	0 5453	0 5453
122 12	0 9942	0 9993	0 9661	0 9811	0 5481	0 5481
132 13	0 9930	0 9983	0 9614	0 9771	0 5503	0 5503
142 11	0 9894	0 9953	0 9532	0 9701	0 5531	0 5531
152 14	0 9729	0 9814	0 9327	0 9523	0 5553	0 5553
162 14	0 9698	0 9787	0 9258	0 9456	0 5561	0 5561
172 11	0 9689	0 9780	0 9212	0 9423	0 5599	0 5599
182 12	0 9665	0 9760	0 9171	0 9387	0 5609	0 5609
192 11	0 9667	0 9761	0 9158	0 9375	0 5618	0 5618
202 04	0 9658	0 9754	0 9138	0 9358	0 5625	0 5625

M (NOMINAL) = 1.4

X= 197 MM T0=298.2 K DEL 99%= 61.0 MM
RE/M= 9.92e+07.6 (MEASURED P) ME=0.984 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5378	0.5360
0.69	0.1559	0.1726	0.1559	0.1726	0.5378	0.5360
0.91	0.1954	0.2162	0.1954	0.2162	0.5378	0.5360
1.10	0.2272	0.2518	0.2272	0.2518	0.5378	0.5360
1.30	0.2075	0.2294	0.2075	0.2294	0.5378	0.5360
1.49	0.2035	0.2250	0.2035	0.2250	0.5378	0.5361
1.69	0.2129	0.2354	0.2129	0.2354	0.5378	0.5361
2.10	0.2137	0.2362	0.2137	0.2362	0.5378	0.5361
2.69	0.2177	0.2405	0.2177	0.2405	0.5378	0.5361
3.19	0.2272	0.2510	0.2272	0.2510	0.5378	0.5361
3.72	0.2321	0.2565	0.2321	0.2565	0.5378	0.5361
4.69	0.2367	0.2832	0.2367	0.2832	0.5378	0.5361
6.72	0.2716	0.2993	0.2716	0.2993	0.5378	0.5362
8.69	0.2755	0.3036	0.2755	0.3036	0.5378	0.5362
10.74	0.2994	0.3295	0.2994	0.3295	0.5378	0.5363
12.72	0.3323	0.3649	0.3323	0.3649	0.5378	0.5364
14.71	0.3358	0.3687	0.3358	0.3687	0.5378	0.5364
16.70	0.3718	0.4072	0.3718	0.4072	0.5378	0.5365
18.69	0.4044	0.4419	0.4044	0.4419	0.5378	0.5365
20.75	0.4288	0.4668	0.4288	0.4668	0.5378	0.5366
25.71	0.5161	0.5584	0.5161	0.5584	0.5378	0.5367
30.70	0.6075	0.6589	0.6075	0.6589	0.5378	0.5368
35.70	0.6973	0.7391	0.6973	0.7391	0.5378	0.5370
40.69	0.7828	0.8196	0.7828	0.8196	0.5378	0.5371
45.69	0.8654	0.8961	0.8654	0.8961	0.5378	0.5372
50.69	0.9236	0.9478	0.9236	0.9478	0.5378	0.5374
55.71	0.9638	0.9827	0.9638	0.9827	0.5378	0.5375
60.70	0.9798	0.9964	0.9798	0.9964	0.5378	0.5376
70.73	0.9840	1.0000	0.9839	1.0000	0.5379	0.5379
80.70	0.9836	0.9997	0.9838	0.9982	0.5389	0.5389
90.70	0.9837	0.9997	0.9786	0.9955	0.5409	0.5409
100.67	0.9831	0.9992	0.9750	0.9924	0.5429	0.5429
110.16	0.9835	0.9996	0.9735	0.9911	0.5440	0.5440
120.17	0.9827	0.9989	0.9708	0.9888	0.5452	0.5452
130.14	0.9830	0.9992	0.9679	0.9863	0.5472	0.5472
140.11	0.9770	0.9940	0.9589	0.9786	0.5498	0.5498
147.11	0.9720	0.9897	0.9530	0.9735	0.5495	0.5495
152.11	0.9619	0.9810	0.9416	0.9636	0.5502	0.5502
162.12	0.9585	0.9782	0.9358	0.9578	0.5522	0.5522
172.12	0.9562	0.9761	0.9284	0.9521	0.5548	0.5548
182.12	0.9541	0.9743	0.9260	0.9500	0.5549	0.5549
192.12	0.9540	0.9745	0.9248	0.9498	0.5556	0.5556
202.09	0.9548	0.9745	0.9248	0.9498	0.5556	0.5556

M (NOMINAL) = 1.4

X= 246 MM T0=298.1 K DEL 99%= 61.[illegible] MM
RE/M= 9.92e+07.6 (MEASURED P) ME=0.973 (MEASURED P

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5445	0.5445
0.69	0.2164	0.2414	0.2164	0.2414	0.5445	0.5445
0.89	0.2160	0.2410	0.2160	0.2410	0.5445	0.5445
1.09	0.2201	0.2455	0.2201	0.2455	0.5445	0.5445
1.30	0.2252	0.2556	0.2252	0.2556	0.5445	0.5445
1.49	0.2408	0.2684	0.2408	0.2684	0.5445	0.5445
1.71	0.2408	0.2684	0.2408	0.2684	0.5445	0.5445
2.20	0.2565	0.2856	0.2565	0.2856	0.5445	0.5445
2.70	0.2475	0.2758	0.2475	0.2758	0.5445	0.5445
3.72	0.2493	0.2777	0.2493	0.2777	0.5445	0.5445
4.70	0.2595	0.2889	0.2595	0.2889	0.5445	0.5445
6.70	0.2674	0.3195	0.2674	0.3195	0.5445	0.5445
8.69	0.3131	0.3476	0.3131	0.3476	0.5445	0.5445
10.69	0.3120	0.3464	0.3120	0.3464	0.5445	0.5445
12.70	0.3453	0.3825	0.3453	0.3825	0.5445	0.5445
14.71	0.3668	0.4049	0.3668	0.4049	0.5445	0.5445
16.69	0.3918	0.4317	0.3918	0.4317	0.5445	0.5445
18.69	0.4246	0.4676	0.4246	0.4676	0.5445	0.5445
20.71	0.4467	0.4918	0.4467	0.4918	0.5445	0.5445
25.70	0.5268	0.5747	0.5268	0.5747	0.5445	0.5445
30.71	0.6065	0.6581	0.6065	0.6581	0.5445	0.5445
35.70	0.6895	0.7385	0.6895	0.7385	0.5445	0.5445
40.69	0.7657	0.8119	0.7657	0.8119	0.5445	0.5445
45.71	0.8476	0.8883	0.8476	0.8883	0.5445	0.5445
50.71	0.9103	0.9450	0.9103	0.9450	0.5445	0.5445
55.70	0.9493	0.9794	0.9493	0.9794	0.5445	0.5445
60.70	0.9686	0.9962	0.9686	0.9962	0.5445	0.5445
70.70	0.9779	1.0000	0.9739	1.0000	0.5445	0.5445
80.70	0.9778	1.0000	0.9729	1.0000	0.5446	0.5446
90.70	0.9778	1.0000	0.9714	0.9987	0.5455	0.5455
100.67	0.9722	0.9993	0.9706	0.9980	0.5455	0.5455
110.11	0.9734	1.0000	0.9714	0.9988	0.5457	0.5457
120.13	0.9729	0.9999	0.9693	0.9969	0.5467	0.5467
130.13	0.9722	0.9993	0.9671	0.9950	0.5477	0.5477
140.11	0.9678	0.9955	0.9611	0.9898	0.5487	0.5487
147.13	0.9557	0.9850	0.9480	0.9784	0.5492	0.5492
152.13	0.9516	0.9814	0.9431	0.9741	0.5497	0.5497
162.12	0.9479	0.9782	0.9378	0.9694	0.5507	0.5507
172.12	0.9478	0.9774	0.9351	0.9672	0.5513	0.5513
182.12	0.9449	0.9755	0.9318	0.9642	0.5525	0.5525
192.12	0.9439	0.9747	0.9306	0.9631	0.5526	0.5526
202.09	0.9433	0.9742	0.9289	0.9616	0.5533	0.5533

M (NOMINAL) = 1.4

X= 295 MM T0=297.7 K DEL 99%= 61.7 MM
RE/M= 9.85e+07.8 (MEASURED P) ME=0.963 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5585	0.5585
0.69	0.2426	0.2727	0.2426	0.2727	0.5585	0.5585
0.90	0.2578	0.2887	0.2578	0.2887	0.5585	0.5585
1.09	0.2418	0.2709	0.2418	0.2709	0.5585	0.5585
1.30	0.2494	0.2803	0.2494	0.2803	0.5585	0.5585
1.49	0.2669	0.2997	0.2669	0.2997	0.5585	0.5585
1.70	0.2684	0.3024	0.2684	0.3024	0.5585	0.5585
2.20	0.2721	0.3054	0.2721	0.3054	0.5585	0.5585
2.69	0.2672	0.3000	0.2672	0.3000	0.5585	0.5585
3.19	0.2712	0.3044	0.2712	0.3044	0.5585	0.5585
3.70	0.2848	0.3194	0.2848	0.3194	0.5585	0.5585
4.69	0.3021	0.3385	0.3021	0.3385	0.5585	0.5585
6.74	0.3089	0.3468	0.3089	0.3468	0.5585	0.5585
8.75	0.3256	0.3643	0.3256	0.3643	0.5585	0.5585
10.72	0.3338	0.3732	0.3338	0.3732	0.5585	0.5585
12.75	0.3635	0.4057	0.3635	0.4057	0.5585	0.5585
14.73	0.3772	0.4205	0.3772	0.4205	0.5585	0.5585
16.70	0.3938	0.4376	0.3938	0.4376	0.5585	0.5585
18.69	0.4281	0.4753	0.4281	0.4753	0.5585	0.5585
20.71	0.4547	0.5038	0.4547	0.5038	0.5585	0.5585
25.70	0.5339	0.5871	0.5339	0.5871	0.5585	0.5585
30.73	0.6028	0.6581	0.6028	0.6581	0.5585	0.5585
35.69	0.6763	0.7319	0.6763	0.7319	0.5585	0.5585
40.74	0.7529	0.8067	0.7529	0.8067	0.5585	0.5585
45.71	0.8284	0.8782	0.8284	0.8782	0.5585	0.5585
50.72	0.8968	0.9403	0.8968	0.9403	0.5585	0.5585
55.70	0.9381	0.9788	0.9381	0.9788	0.5585	0.5585
60.75	0.9580	0.9956	0.9580	0.9956	0.5585	0.5585
70.90	0.9638	1.0000	0.9638	1.0000	0.5585	0.5585
80.71	0.9639	1.0000	0.9639	1.0000	0.5585	0.5585
90.70	0.9624	0.9995	0.9624	0.9995	0.5585	0.5585
100.67	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
110.14	0.9617	0.9989	0.9617	0.9989	0.5585	0.5585
120.13	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
130.15	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
140.16	0.9581	0.9957	0.9577	0.9954	0.5587	0.5587
147.13	0.9467	0.9857	0.9456	0.9847	0.5512	0.5512
152.14	0.9417	0.9813	0.9401	0.9798	0.5515	0.5515
162.17	0.9385	0.9784	0.9369	0.9770	0.5515	0.5515
172.12	0.9357	0.9760	0.9337	0.9742	0.5517	0.5517
182.12	0.9361	0.9763	0.9329	0.9734	0.5525	0.5525
192.12	0.9333	0.9738	0.9301	0.9709	0.5525	0.5525
202.09	0.9324	0.9730	0.9291	0.9701	0.5525	0.5525

M (NOMINAL) = 1.4

X= 342 MM T0=297.5 K DEL 99%= 63.5 MM
RE/M= 9.89e+07.6 (MEASURED P) ME=0.956 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5551	0.5551
0.69	0.2585	0.2832	0.2585	0.2832	0.5551	0.5551
0.89	0.2741	0.3005	0.2741	0.3005	0.5551	0.5551
1.10	0.2779	0.3137	0.2779	0.3137	0.5551	0.5551
1.29	0.2783	0.3142	0.2783	0.3142	0.5551	0.5551
1.49	0.2767	0.3124	0.2767	0.3124	0.5551	0.5551
1.72	0.2624	0.2965	0.2624	0.2965	0.5551	0.5551
2.19	0.2655	0.2999	0.2655	0.2999	0.5551	0.5551
2.72	0.0862	0.1451	0.0862	0.1451	0.5551	0.5551
3.22	0.2944	0.3324	0.2944	0.3324	0.5551	0.5551
3.70	0.3018	0.3408	0.3018	0.3408	0.5551	0.5551
4.74	0.3168	0.3579	0.3168	0.3579	0.5551	0.5551
6.75	0.3387	0.3826	0.3387	0.3826	0.5551	0.5551
8.69	0.3485	0.3918	0.3485	0.3918	0.5551	0.5551
10.71	0.3613	0.4057	0.3613	0.4057	0.5551	0.5551
12.74	0.3691	0.4143	0.3691	0.4143	0.5551	0.5551
14.71	0.3954	0.4429	0.3954	0.4429	0.5551	0.5551
16.73	0.4156	0.4648	0.4156	0.4648	0.5551	0.5551
18.76	0.4331	0.4837	0.4331	0.4837	0.5551	0.5551
20.73	0.4620	0.5147	0.4620	0.5147	0.5551	0.5551
25.72	0.5256	0.5925	0.5256	0.5925	0.5551	0.5551
30.73	0.6020	0.6613	0.6020	0.6613	0.5551	0.5551
35.75	0.6755	0.7356	0.6755	0.7356	0.5551	0.5551
40.77	0.7514	0.8103	0.7514	0.8103	0.5551	0.5551
45.73	0.8219	0.8776	0.8219	0.8776	0.5551	0.5551
50.85	0.8854	0.9365	0.8854	0.9365	0.5551	0.5551
55.90	0.9265	0.9755	0.9265	0.9755	0.5551	0.5551
60.69	0.9479	0.9928	0.9479	0.9928	0.5551	0.5551
70.92	0.9562	1.0002	0.9562	1.0002	0.5551	0.5551
80.98	0.9568	1.0000	0.9568	1.0000	0.5551	0.5551
90.78	0.9547	0.9988	0.9547	0.9988	0.5551	0.5551
100.64	0.9542	0.9984	0.9542	0.9984	0.5551	0.5551
110.13	0.9535	0.9996	0.9535	0.9996	0.5551	0.5551
120.15	0.9549	0.9991	0.9549	0.9991	0.5551	0.5551
130.15	0.9539	0.9981	0.9539	0.9981	0.5551	0.5551
140.19	0.9483	0.9931	0.9483	0.9931	0.5551	0.5551
147.15	0.9396	0.9854	0.9396	0.9854	0.5551	0.5551
152.27	0.9343	0.9807	0.9343	0.9807	0.5551	0.5551
162.11	0.9386	0.9774	0.9386	0.9774	0.5551	0.5551
172.34	0.9295	0.9764	0.9295	0.9764	0.5551	0.5551
182.12	0.9278	0.9749	0.9278	0.9749	0.5551	0.5551
192.12	0.9252	0.9726	0.9252	0.9726	0.5551	0.5551
202.06	0.9236	0.9711	0.9236	0.9711	0.5551	0.5551

M (NOMINAL)= 1 4

X= 444 MM T0=297 8 K DEL 99%= 66 2 MM
RE/M= 9 84*10^6 (MEASURED P) ME=0 942 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5642	0 5642
0 69	0 2855	0 1262	0 2855	0 1262	0 5642	0 5642
0 89	0 2958	0 1369	0 2958	0 1369	0 5642	0 5642
1 09	0 2999	0 1424	0 2999	0 1424	0 5642	0 5642
1 33	0 3089	0 1525	0 3089	0 1525	0 5642	0 5642
1 49	0 3065	0 1498	0 3065	0 1498	0 5642	0 5642
1 69	0 3156	0 1599	0 3156	0 1599	0 5642	0 5642
2 19	0 3133	0 1574	0 3133	0 1574	0 5642	0 5642
2 71	0 3419	0 1893	0 3419	0 1893	0 5642	0 5642
3 19	0 3326	0 1790	0 3326	0 1790	0 5642	0 5642
3 69	0 3395	0 1866	0 3395	0 1866	0 5642	0 5642
4 71	0 3551	0 4040	0 3551	0 4040	0 5642	0 5642
6 73	0 3624	0 4121	0 3624	0 4121	0 5642	0 5642
8 84	0 3734	0 4243	0 3734	0 4243	0 5642	0 5642
10 69	0 3898	0 4423	0 3898	0 4423	0 5642	0 5642
12 72	0 4230	0 4787	0 4230	0 4787	0 5642	0 5642
14 72	0 4244	0 4803	0 4244	0 4803	0 5642	0 5642
16 70	0 4403	0 4976	0 4403	0 4976	0 5642	0 5642
18 75	0 4642	0 5236	0 4642	0 5236	0 5642	0 5642
20 79	0 4765	0 5368	0 4765	0 5368	0 5642	0 5642
25 71	0 5387	0 6033	0 5387	0 6033	0 5642	0 5642
30 92	0 6050	0 6728	0 6050	0 6728	0 5642	0 5642
35 70	0 6647	0 7339	0 6647	0 7339	0 5642	0 5642
40 69	0 7328	0 8021	0 7328	0 8021	0 5642	0 5642
45 72	0 7995	0 8672	0 7995	0 8672	0 5642	0 5642
50 84	0 8584	0 9232	0 8584	0 9232	0 5642	0 5642
55 71	0 9027	0 9642	0 9027	0 9642	0 5642	0 5642
60 99	0 9269	0 9864	0 9269	0 9864	0 5642	0 5642
70 70	0 9410	0 9991	0 9410	0 9991	0 5642	0 5642
80 92	0 9420	1 0000	0 9420	1 0000	0 5642	0 5642
90 71	0 9419	0 9999	0 9419	0 9999	0 5642	0 5642
100 63	0 9414	0 9995	0 9414	0 9995	0 5642	0 5642
112 11	0 9407	0 9988	0 9407	0 9988	0 5642	0 5642
122 21	0 9411	0 9991	0 9411	0 9991	0 5642	0 5642
132 14	0 9397	0 9988	0 9397	0 9988	0 5642	0 5642
137 12	0 9379	0 9963	0 9379	0 9963	0 5642	0 5642
142 11	0 9274	0 9868	0 9274	0 9868	0 5642	0 5642
147 14	0 9208	0 9808	0 9208	0 9808	0 5642	0 5642
152 26	0 9176	0 9779	0 9176	0 9779	0 5642	0 5642
162 41	0 9162	0 9766	0 9162	0 9766	0 5642	0 5642
172 12	0 9139	0 9745	0 9139	0 9745	0 5642	0 5642
182 34	0 9134	0 9740	0 9134	0 9740	0 5642	0 5642
192 13	0 9125	0 9732	0 9125	0 9732	0 5642	0 5642
202 85	0 9116	0 9724	0 9116	0 9724	0 5642	0 5642

M (NOMINAL)= 1 4

X= 539 MM T0=296 7 K DEL 99%= 70 2 MM
RE/M= 9 88*10^6 (MEASURED P) ME=0 931 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5713	0 5713
0 69	0 3119	0 3594	0 3119	0 3594	0 5713	0 5713
0 98	0 3258	0 3742	0 3258	0 3742	0 5713	0 5713
1 09	0 3255	0 3747	0 3255	0 3747	0 5713	0 5713
1 29	0 3368	0 3875	0 3368	0 3875	0 5713	0 5713
1 59	0 3351	0 3855	0 3351	0 3855	0 5713	0 5713
1 78	0 3385	0 3894	0 3385	0 3894	0 5713	0 5713
2 19	0 3510	0 4034	0 3510	0 4034	0 5713	0 5713
2 78	0 3578	0 4102	0 3578	0 4102	0 5713	0 5713
3 20	0 3663	0 4205	0 3663	0 4205	0 5713	0 5713
3 78	0 3722	0 4272	0 3722	0 4272	0 5713	0 5713
4 71	0 3698	0 4245	0 3698	0 4245	0 5713	0 5713
6 71	0 3952	0 4528	0 3952	0 4528	0 5713	0 5713
8 71	0 4147	0 4744	0 4147	0 4744	0 5713	0 5713
10 78	0 4181	0 4782	0 4181	0 4782	0 5713	0 5713
12 69	0 4216	0 4821	0 4216	0 4821	0 5713	0 5713
14 72	0 4551	0 5188	0 4551	0 5188	0 5713	0 5713
16 78	0 4778	0 5428	0 4778	0 5428	0 5713	0 5713
18 71	0 4994	0 5671	0 4994	0 5671	0 5713	0 5713
20 71	0 5087	0 5771	0 5087	0 5771	0 5713	0 5713
25 69	0 5578	0 6297	0 5578	0 6297	0 5713	0 5713
30 72	0 6098	0 6845	0 6098	0 6845	0 5713	0 5713
35 71	0 6673	0 7448	0 6673	0 7448	0 5713	0 5713
40 69	0 7293	0 8067	0 7293	0 8067	0 5713	0 5713
45 71	0 7823	0 8592	0 7823	0 8592	0 5713	0 5713
50 72	0 8378	0 9120	0 8378	0 9120	0 5713	0 5713
55 69	0 8799	0 9526	0 8799	0 9526	0 5713	0 5713
60 82	0 9088	0 9788	0 9088	0 9788	0 5713	0 5713
70 71	0 9284	0 9976	0 9284	0 9976	0 5713	0 5713
80 71	0 9385	0 9996	0 9385	0 9996	0 5713	0 5713
90 72	0 9318	1 0000	0 9318	1 0000	0 5713	0 5713
100 65	0 9385	0 9996	0 9385	0 9996	0 5713	0 5713
112 12	0 9383	0 9993	0 9383	0 9993	0 5713	0 5713
122 13	0 9318	1 0000	0 9318	1 0000	0 5713	0 5713
132 14	0 9288	0 9979	0 9288	0 9979	0 5713	0 5713
137 13	0 9278	0 9971	0 9278	0 9971	0 5713	0 5713
142 11	0 9182	0 9882	0 9182	0 9882	0 5713	0 5713
147 13	0 9094	0 9801	0 9094	0 9801	0 5713	0 5713
152 14	0 9058	0 9768	0 9058	0 9768	0 5713	0 5713
162 24	0 9037	0 9749	0 9037	0 9749	0 5713	0 5713
172 13	0 9031	0 9743	0 9031	0 9743	0 5713	0 5713
182 13	0 9015	0 9728	0 9015	0 9728	0 5713	0 5713
192 14	0 8999	0 9713	0 8999	0 9713	0 5713	0 5713
202 85	0 8987	0 9702	0 8987	0 9702	0 5713	0 5713

M (NOMINAL)= 1 4

X= 637 MM T0=297 8 K DEL 99%= 74 8 MM
RE/M= 9 76*10^6 (MEASURED P) ME=0 921 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5774	0 5774
0 69	0 3334	0 3872	0 3334	0 3872	0 5774	0 5774
0 98	0 3438	0 3981	0 3438	0 3981	0 5774	0 5774
1 09	0 3616	0 4191	0 3616	0 4191	0 5774	0 5774
1 38	0 3725	0 4314	0 3725	0 4314	0 5774	0 5774
1 49	0 3611	0 4186	0 3611	0 4186	0 5774	0 5774
1 78	0 3632	0 4209	0 3632	0 4209	0 5774	0 5774
2 24	0 3911	0 4524	0 3911	0 4524	0 5774	0 5774
2 71	0 3965	0 4584	0 3965	0 4584	0 5774	0 5774
3 69	0 3911	0 4523	0 3911	0 4523	0 5774	0 5774
4 71	0 4072	0 4704	0 4072	0 4704	0 5774	0 5774
6 71	0 4192	0 4839	0 4192	0 4839	0 5774	0 5774
8 69	0 4403	0 5073	0 4403	0 5073	0 5774	0 5774
10 78	0 4462	0 5139	0 4462	0 5139	0 5774	0 5774
12 78	0 4614	0 5307	0 4614	0 5307	0 5774	0 5774
14 69	0 4737	0 5441	0 4737	0 5441	0 5774	0 5774
16 71	0 4910	0 5631	0 4910	0 5631	0 5774	0 5774
18 78	0 5027	0 5759	0 5027	0 5759	0 5774	0 5774
20 78	0 5326	0 6086	0 5328	0 6086	0 5774	0 5774
25 78	0 5678	0 6462	0 5678	0 6462	0 5774	0 5774
30 78	0 6187	0 7002	0 6187	0 7002	0 5774	0 5774
35 78	0 6639	0 7474	0 6639	0 7474	0 5774	0 5774
40 72	0 7269	0 8057	0 7269	0 8057	0 5774	0 5774
45 73	0 7655	0 8505	0 7655	0 8505	0 5774	0 5774
50 69	0 8140	0 8982	0 8140	0 8982	0 5774	0 5774
55 71	0 8568	0 9395	0 8568	0 9395	0 5774	0 5774
60 71	0 8868	0 9672	0 8868	0 9672	0 5774	0 5774
70 69	0 9146	0 9941	0 9146	0 9941	0 5774	0 5774
80 71	0 9198	0 9989	0 9198	0 9989	0 5774	0 5774
90 70	0 9218	1 0000	0 9218	1 0000	0 5774	0 5774
100 67	0 9219	1 0000	0 9219	1 0000	0 5774	0 5774
112 12	0 9206	0 9997	0 9206	0 9997	0 5774	0 5774
122 12	0 9212	1 0002	0 9212	1 0002	0 5774	0 5774
132 12	0 9193	0 9985	0 9193	0 9985	0 5774	0 5774
142 14	0 9142	0 9937	0 9142	0 9937	0 5774	0 5774
147 15	0 9087	0 9811	0 9087	0 9811	0 5774	0 5774
152 11	0 8968	0 9774	0 8968	0 9774	0 5774	0 5774
162 13	0 8952	0 9759	0 8952	0 9759	0 5774	0 5774
172 11	0 8938	0 9746	0 8938	0 9746	0 5774	0 5774
182 13	0 8895	0 9705	0 8895	0 9705	0 5774	0 5774
192 12	0 8913	0 9723	0 8913	0 9723	0 5774	0 5774
202 89	0 8913	0 9723	0 8913	0 9723	0 5774	0 5774

M (NOMINAL)= 1 4

X= 735 MM T0=296 3 K DEL 99%= 76 7 MM
RE/M= 9 74*10^6 (MEASURED P) ME=0 912 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5831	0 5831
0 69	0 3685	0 4215	0 3685	0 4215	0 5831	0 5831
0 98	0 3588	0 4195	0 3588	0 4195	0 5831	0 5831
1 09	0 3785	0 4329	0 3785	0 4329	0 5831	0 5831
1 31	0 3889	0 4446	0 3889	0 4446	0 5831	0 5831
1 49	0 3829	0 4469	0 3829	0 4469	0 5831	0 5831
1 78	0 3856	0 4582	0 3856	0 4582	0 5831	0 5831
2 19	0 4071	0 4743	0 4071	0 4743	0 5831	0 5831
2 71	0 4161	0 4844	0 4161	0 4844	0 5831	0 5831
3 19	0 4213	0 4903	0 4213	0 4903	0 5831	0 5831
3 69	0 4218	0 4908	0 4218	0 4908	0 5831	0 5831
4 69	0 4414	0 5128	0 4414	0 5128	0 5831	0 5831
6 78	0 4418	0 5123	0 4418	0 5123	0 5831	0 5831
8 69	0 4572	0 5304	0 4572	0 5304	0 5831	0 5831
10 69	0 4672	0 5416	0 4672	0 5416	0 5831	0 5831
12 72	0 4791	0 5547	0 4791	0 5547	0 5831	0 5831
14 78	0 4979	0 5755	0 4979	0 5755	0 5831	0 5831
16 78	0 5076	862	0 5076	0 5862	0 5831	0 5831
18 78	0 5208	0 6007	0 5208	0 6007	0 5831	0 5831
20 69	0 5379	0 6193	0 5379	0 6193	0 5831	0 5831
25 69	0 5741	0 6585	0 5741	0 6585	0 5831	0 5831
30 71	0 6192	0 7066	0 6192	0 7066	0 5831	0 5831
35 71	0 6658	0 7548	0 6658	0 7548	0 5831	0 5831
40 69	0 7116	0 8038	0 7116	0 8038	0 5831	0 5831
45 71	0 7551	0 8472	0 7551	0 8472	0 5831	0 5831
50 78	0 7981	0 8981	0 7981	0 8981	0 5831	0 5831
55 69	0 8377	0 9289	0 8377	0 9289	0 5831	0 5831
60 69	0 8674	0 9576	0 8674	0 9576	0 5831	0 5831
70 71	0 9089	0 9895	0 9089	0 9895	0 5831	0 5831
80 69	0 9186	0 9987	0 9186	0 9987	0 5831	0 5831
100 67	0 9126	1 0000	0 9126	1 0000	0 5831	0 5831
112 11	0 9126	1 0000	0 9126	1 0000	0 5831	0 5831
122 11	0 9181	0 9994	0 9181	0 9994	0 5831	0 5831
132 13	0 9084	0 9967	0 9084	0 9967	0 5831	0 5831
142 11	0 8975	0 9863	0 8975	0 9863	0 5831	0 5831
152 12	0 8867	0 9761	0 8867	0 9761	0 5831	0 5831
162 11	0 8857	0 9752	0 8857	0 9752	0 5831	0 5831
172 13	0 8832	0 9727	0 8832	0 9727	0 5831	0 5831
182 11	0 8832	0 9727	0 8832	0 9727	0 5831	0 5831
202 89	0 8817	0 9713	0 8817	0 9713	0 5831	0 5831

M (NOMINAL)= 1 4

X= 833 MM T0=295 4 K DEL 995= 88 6 MM
RE/M= 9 77*10^6 (MEASURED P) ME=0 983 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5985	0 5985
0 69	0 1742	0 4488	0 1742	0 4488	0 5985	0 5985
0 89	0 1745	0 4411	0 1745	0 4411	0 5985	0 5985
1 09	0 3849	0 4531	0 3849	0 4531	0 5985	0 5985
1 29	0 4022	0 4728	0 4022	0 4728	0 5985	0 5985
1 50	0 4054	0 4765	0 4054	0 4765	0 5985	0 5985
1 69	0 4080	0 4793	0 4080	0 4793	0 5985	0 5985
2 19	0 4158	0 4883	0 4158	0 4883	0 5985	0 5985
2 71	0 4332	0 5079	0 4332	0 5079	0 5985	0 5985
3 19	0 4416	0 5174	0 4416	0 5174	0 5985	0 5985
3 69	0 4419	0 5178	0 4419	0 5178	0 5985	0 5985
4 69	0 4582	0 5271	0 4582	0 5271	0 5985	0 5985
6 69	0 4661	0 5458	0 4661	0 5458	0 5985	0 5985
8 70	0 4750	0 5549	0 4750	0 5549	0 5985	0 5985
10 73	0 4986	0 5812	0 4986	0 5812	0 5985	0 5985
12 71	0 5041	0 5873	0 5041	0 5873	0 5985	0 5985
14 72	0 5067	0 5902	0 5067	0 5902	0 5985	0 5985
16 69	0 5389	0 6169	0 5389	0 6169	0 5985	0 5985
18 69	0 5414	0 6285	0 5414	0 6285	0 5985	0 5985
20 69	0 5488	0 6366	0 5488	0 6366	0 5985	0 5985
25 69	0 5878	0 6789	0 5878	0 6789	0 5985	0 5985
30 70	0 6267	0 7207	0 6267	0 7207	0 5985	0 5985
35 71	0 6627	0 7589	0 6627	0 7589	0 5985	0 5985
40 69	0 7013	0 7991	0 7013	0 7991	0 5985	0 5985
45 69	0 7444	0 8436	0 7444	0 8436	0 5985	0 5985
50 72	0 7813	0 8809	0 7813	0 8809	0 5985	0 5985
55 70	0 8248	0 9242	0 8248	0 9242	0 5985	0 5985
60 69	0 8479	0 9469	0 8479	0 9469	0 5985	0 5985
70 72	0 8873	0 9858	0 8873	0 9858	0 5985	0 5985
80 73	0 9083	0 9974	0 9083	0 9974	0 5985	0 5985
90 73	0 9830	1 0000	0 9830	1 0000	0 5985	0 5985
100 67	0 9822	0 9992	0 9822	0 9992	0 5985	0 5985
112 15	0 9830	1 0000	0 9830	1 0000	0 5985	0 5985
122 11	0 9821	0 9991	0 9821	0 9991	0 5985	0 5985
132 12	0 9821	0 9991	0 9821	0 9991	0 5985	0 5985
137 13	0 8984	0 9956	0 8984	0 9956	0 5985	0 5985
142 11	0 8895	0 9871	0 8895	0 9871	0 5985	0 5985
147 11	0 8882	0 9782	0 8882	0 9782	0 5985	0 5985
152 14	0 8785	0 9766	0 8785	0 9766	0 5985	0 5985
162 11	0 8739	0 9721	0 8739	0 9721	0 5985	0 5985
172 14	0 8753	0 9734	0 8753	0 9734	0 5985	0 5985
182 15	0 8731	0 9713	0 8731	0 9713	0 5985	0 5985
192 15	0 8748	0 9722	0 8748	0 9722	0 5985	0 5985
202 09	0 8716	0 9699	0 8716	0 9699	0 5985	0 5985

M (NOMINAL)= 1 4

X= 931 MM T0=299 3 K DEL 995= 86 1 MM
RE/M= 9 57*10^6 (MEASURED P) ME=0 895 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5938	0 5938
0 69	0 3885	0 4514	0 3885	0 4514	0 5938	0 5938
0 89	0 3858	0 4566	0 3858	0 4566	0 5938	0 5938
1 09	0 3988	0 4725	0 3988	0 4725	0 5938	0 5938
1 29	0 4138	0 4887	0 4138	0 4887	0 5938	0 5938
1 50	0 4118	0 4874	0 4118	0 4874	0 5938	0 5938
1 69	0 4249	0 5024	0 4249	0 5024	0 5938	0 5938
2 22	0 4326	0 5123	0 4326	0 5123	0 5938	0 5938
2 69	0 4432	0 5232	0 4432	0 5232	0 5938	0 5938
3 20	0 4566	0 5311	0 4566	0 5311	0 5938	0 5938
3 69	0 4491	0 5301	0 4491	0 5301	0 5938	0 5938
4 69	0 4614	0 5444	0 4614	0 5444	0 5938	0 5938
6 70	0 4789	0 5658	0 4789	0 5658	0 5938	0 5938
8 69	0 4961	0 5829	0 4961	0 5829	0 5938	0 5938
10 69	0 5824	0 5899	0 5824	0 5899	0 5938	0 5938
12 70	0 5143	0 6832	0 5143	0 6832	0 5938	0 5938
14 69	0 5261	0 6163	0 5261	0 6163	0 5938	0 5938
16 71	0 5417	0 6336	0 5417	0 6336	0 5938	0 5938
18 69	0 5468	0 6393	0 5468	0 6393	0 5938	0 5938
20 69	0 5574	0 6509	0 5574	0 6509	0 5938	0 5938
25 69	0 5924	0 6892	0 5924	0 6892	0 5938	0 5938
30 69	0 6327	0 7327	0 6327	0 7327	0 5938	0 5938
35 71	0 6627	0 7646	0 6627	0 7646	0 5938	0 5938
40 71	0 7027	0 8068	0 7027	0 8068	0 5938	0 5938
45 69	0 7379	0 8433	0 7379	0 8433	0 5938	0 5938
50 69	0 7688	0 8758	0 7688	0 8758	0 5938	0 5938
55 72	0 8072	0 9137	0 8072	0 9137	0 5938	0 5938
60 69	0 8322	0 9386	0 8322	0 9386	0 5938	0 5938
70 71	0 8699	0 9756	0 8699	0 9756	0 5938	0 5938
80 69	0 8918	0 9961	0 8918	0 9961	0 5938	0 5938
90 69	0 9959	1 0000	0 9959	1 0000	0 5938	0 5938
100 68	0 8944	0 9994	0 8944	0 9994	0 5938	0 5938
104 11	0 8958	1 0000	0 8958	1 0000	0 5938	0 5938
122 11	0 8931	0 9982	0 8931	0 9982	0 5938	0 5938
132 11	0 8919	0 9990	0 8919	0 9990	0 5938	0 5938
137 13	0 8892	0 9944	0 8892	0 9944	0 5938	0 5938
142 13	0 8774	0 9829	0 8774	0 9829	0 5938	0 5938
152 11	0 8722	0 9779	0 8722	0 9779	0 5938	0 5938
162 11	0 8667	0 9726	0 8667	0 9726	0 5938	0 5938
172 13	0 8668	0 9727	0 8668	0 9727	0 5938	0 5938
182 11	0 8668	0 9719	0 8668	0 9719	0 5938	0 5938
192 11	0 8647	0 9706	0 8647	0 9706	0 5938	0 5938
202 10	0 8636	0 9695	0 8636	0 9695	0 5938	0 5938

M (NOMINAL)= 1 4

X= 1027 MM T0=292 0 K DEL 995= 89 5 MM
RE/M= 9 82*10^6 (MEASURED P) ME=0 898 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5976	0 5976
0 69	0 3875	0 4617	0 3875	0 4617	0 5976	0 5976
0 90	0 3896	0 4642	0 3896	0 4642	0 5976	0 5976
1 10	0 3985	0 4745	0 3985	0 4745	0 5976	0 5976
1 29	0 4232	0 5028	0 4232	0 5028	0 5976	0 5976
1 49	0 4298	0 5095	0 4298	0 5095	0 5976	0 5976
1 69	0 4285	0 5098	0 4285	0 5098	0 5976	0 5976
2 19	0 4424	0 5248	0 4424	0 5248	0 5976	0 5976
2 71	0 4581	0 5427	0 4581	0 5427	0 5976	0 5976
3 20	0 4624	0 5477	0 4624	0 5477	0 5976	0 5976
3 69	0 4648	0 5504	0 4648	0 5504	0 5976	0 5976
4 70	0 4778	0 5651	0 4778	0 5651	0 5976	0 5976
6 70	0 5080	0 5981	0 5080	0 5981	0 5976	0 5976
8 70	0 5081	0 5992	0 5081	0 5992	0 5976	0 5976
10 69	0 5236	0 6165	0 5236	0 6165	0 5976	0 5976
12 71	0 5295	0 6231	0 5295	0 6231	0 5976	0 5976
14 71	0 5435	0 6387	0 5435	0 6387	0 5976	0 5976
16 69	0 5555	0 6520	0 5555	0 6520	0 5976	0 5976
18 69	0 5594	0 6562	0 5594	0 6562	0 5976	0 5976
20 72	0 5643	0 6617	0 5643	0 6617	0 5976	0 5976
25 72	0 5972	0 6977	0 5972	0 6977	0 5976	0 5976
30 71	0 6311	0 7345	0 6311	0 7345	0 5976	0 5976
35 72	0 6573	0 7627	0 6573	0 7627	0 5976	0 5976
40 70	0 6969	0 8046	0 6969	0 8046	0 5976	0 5976
45 70	0 7274	0 8365	0 7274	0 8365	0 5976	0 5976
50 70	0 7615	0 8717	0 7615	0 8717	0 5976	0 5976
55 70	0 7892	0 8999	0 7892	0 8999	0 5976	0 5976
60 72	0 8159	0 9269	0 8159	0 9269	0 5976	0 5976
70 70	0 8585	0 9692	0 8585	0 9692	0 5976	0 5976
80 70	0 8788	0 9891	0 8788	0 9891	0 5976	0 5976
90 69	0 8888	0 9988	0 8888	0 9988	0 5976	0 5976
100 67	0 8911	1 0010	0 8911	1 0010	0 5976	0 5976
104 11	0 8986	1 0000	0 8988	1 0000	0 5976	0 5976
122 14	0 8884	0 9984	0 8884	0 9984	0 5976	0 5976
132 12	0 8885	0 9985	0 8885	0 9985	0 5976	0 5976
137 14	0 8861	0 9962	0 8861	0 9962	0 5976	0 5976
142 12	0 8732	0 9836	0 8732	0 9836	0 5976	0 5976
152 12	0 8657	0 9763	0 8657	0 9763	0 5976	0 5976
162 14	0 8619	0 9725	0 8619	0 9725	0 5976	0 5976
172 12	0 8618	0 9717	0 8618	0 9717	0 5976	0 5976
182 12	0 8579	0 9686	0 8579	0 9686	0 5976	0 5976
192 11	0 8584	0 9691	0 8584	0 9691	0 5976	0 5976
202 09	0 8579	0 9686	0 8579	0 9686	0 5976	0 5976

M (NOMINAL)= 1 4

X= 1755 MM T0=282 5 K DEL 995=107 1 MM
RE/M= 9 24*10^6 (MEASURED P) ME=0 856 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6187	0 6187
0 66	0 4586	0 5620	0 4586	0 5620	0 6187	0 6187
0 86	0 4653	0 5699	0 4653	0 5699	0 6187	0 6187
1 06	0 4738	0 5798	0 4738	0 5798	0 6187	0 6187
1 27	0 4897	0 5984	0 4897	0 5984	0 6187	0 6187
1 47	0 4945	0 6040	0 4945	0 6040	0 6187	0 6187
1 67	0 4979	0 6080	0 4979	0 6080	0 6187	0 6187
2 16	0 5068	0 6181	0 5068	0 6181	0 6187	0 6187
2 65	0 5175	0 6307	0 5175	0 6307	0 6187	0 6187
3 17	0 5259	0 6388	0 5259	0 6388	0 6187	0 6187
3 67	0 5277	0 6425	0 5277	0 6425	0 6187	0 6187
4 66	0 5390	0 6557	0 5392	0 6557	0 6187	0 6187
6 66	0 5574	0 6766	0 5574	0 6766	0 6187	0 6187
8 66	0 5720	0 6932	0 5720	0 6932	0 6187	0 6187
10 66	0 5881	0 7124	0 5881	0 7124	0 6187	0 6187
12 66	0 5886	0 7126	0 5886	0 7126	0 6187	0 6187
14 65	0 5959	0 7202	0 5959	0 7202	0 6187	0 6187
16 67	0 5987	0 7234	0 5987	0 7234	0 6187	0 6187
18 67	0 6066	0 7324	0 6066	0 7324	0 6187	0 6187
20 66	0 6148	0 7406	0 6148	0 7406	0 6187	0 6187
25 67	0 6311	0 7596	0 6311	0 7598	0 6187	0 6187
30 65	0 6421	0 7720	0 6421	0 7720	0 6187	0 6187
35 67	0 6664	0 7989	0 6664	0 7989	0 6187	0 6187
40 74	0 6818	0 8149	0 6818	0 8149	0 6187	0 6187
45 66	0 6945	0 8297	0 6945	0 8297	0 6187	0 6187
50 67	0 7151	0 8520	0 7151	0 8520	0 6187	0 6187
55 66	0 7285	0 8665	0 7285	0 8665	0 6187	0 6187
60 66	0 7535	0 8932	0 7535	0 8932	0 6187	0 6187
70 66	0 7781	0 9193	0 7781	0 9193	0 6187	0 6187
80 70	0 8182	0 9529	0 8182	0 9529	0 6187	0 6187
90 66	0 8265	0 9697	0 8265	0 9697	0 6187	0 6187
101 43	0 8458	0 9887	0 8458	0 9887	0 6187	0 6187
105 15	0 8487	0 9926	0 8487	0 9926	0 6187	0 6187
111 43	0 8582	0 9941	0 8582	0 9941	0 6187	0 6187
115 42	0 8527	0 9966	0 8527	0 9966	0 6187	0 6187
121 43	0 8568	1 0000	0 8568	1 0000	0 6187	0 6187
131 42	0 8586	0 9945	0 8586	0 9945	0 6187	0 6187
136 44	0 8515	0 9955	0 8515	0 9955	0 6187	0 6187
141 51	0 8439	0 9877	0 8439	0 9877	0 6187	0 6187
146 43	0 8361	0 9797	0 8361	0 9797	0 6187	0 6187
151 44	0 8324	0 9758	0 8324	0 9758	0 6187	0 6187
161 43	0 8299	0 9732	0 8299	0 9732	0 6187	0 6187
171 43	0 8259	0 9691	0 8259	0 9691	0 6187	0 6187
181 47	0 8259	0 9691	0 8259	0 9691	0 6187	0 6187
191 43	0 8237	0 9669	0 8237	0 9669	0 6187	0 6187

M (NOMINAL)= 1 4

X= 2244 MM T0=382 0 K DEL 995=113 9 MM
RE/M= 9 10**6 (MEASURED P) ME=0 832 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6293	0 6293
0 66	0 4508	0 5764	0 4508	0 5764	0 6293	0 6293
0 86	0 4738	0 5944	0 4738	0 5944	0 6293	0 6293
1 07	0 4845	0 6072	0 4845	0 6072	0 6293	0 6293
1 26	0 4949	0 6077	0 4949	0 6077	0 6293	0 6293
1 46	0 4938	0 6184	0 4938	0 6184	0 6293	0 6293
1 66	0 5037	0 6382	0 5037	0 6382	0 6293	0 6293
2 17	0 5153	0 6440	0 5153	0 6440	0 6293	0 6293
2 66	0 5257	0 6562	0 5257	0 6562	0 6293	0 6293
3 17	0 5282	0 6593	0 5282	0 6593	0 6293	0 6293
3 66	0 5443	0 6782	0 5443	0 6782	0 6293	0 6293
4 65	0 5526	0 6880	0 5526	0 6880	0 6293	0 6293
6 66	0 5635	0 7008	0 5635	0 7008	0 6293	0 6293
8 66	0 5782	0 7178	0 5782	0 7178	0 6293	0 6293
10 70	0 5896	0 7312	0 5896	0 7312	0 6293	0 6293
15 66	0 6041	0 7479	0 6041	0 7479	0 6293	0 6293
18 67	0 6143	0 7596	0 6143	0 7596	0 6293	0 6293
20 66	0 6176	0 7634	0 6176	0 7634	0 6293	0 6293
25 67	0 6297	0 7788	0 6297	0 7788	0 6293	0 6293
30 67	0 6474	0 7975	0 6474	0 7975	0 6293	0 6293
35 67	0 6613	0 8132	0 6613	0 8132	0 6293	0 6293
40 65	0 6713	0 8245	0 6713	0 8245	0 6293	0 6293
45 67	0 6856	0 8406	0 6856	0 8406	0 6293	0 6293
50 71	0 6992	0 8558	0 6992	0 8558	0 6293	0 6293
55 62	0 7104	0 8682	0 7104	0 8682	0 6293	0 6293
60 67	0 7263	0 8859	0 7263	0 8859	0 6293	0 6293
70 67	0 7586	0 9126	0 7586	0 9126	0 6293	0 6293
80 66	0 7735	0 9375	0 7735	0 9375	0 6293	0 6293
90 67	0 7979	0 9637	0 7979	0 9637	0 6293	0 6293
101 45	0 8158	0 9828	0 8158	0 9828	0 6293	0 6293
105 42	0 8209	0 9882	0 8209	0 9882	0 6293	0 6293
111 47	0 8255	0 9931	0 8255	0 9931	0 6293	0 6293
116 43	0 8313	0 9992	0 8313	0 9992	0 6293	0 6293
121 43	0 8299	0 9978	0 8299	0 9978	0 6293	0 6293
131 44	0 8320	1 0000	0 8320	1 0000	0 6293	0 6293
136 44	0 8300	0 9979	0 8300	0 9979	0 6293	0 6293
141 42	0 8240	0 9915	0 8240	0 9915	0 6293	0 6293
146 44	0 8170	0 9841	0 8170	0 9841	0 6293	0 6293
151 48	0 8171	0 9842	0 8171	0 9842	0 6293	0 6293
161 44	0 8116	0 9784	0 8116	0 9784	0 6293	0 6293
171 44	0 8106	0 9773	0 8106	0 9773	0 6293	0 6293
181 43	0 8079	0 9744	0 8079	0 9744	0 6293	0 6293
191 44	0 8095	0 9761	0 8095	0 9761	0 6293	0 6293

M (NOMINAL)= 1 4

X= 2733 MM T0=381 4 K DEL 995=116 3 MM
RE/M= 8 92*10**6 (MEASURED P) ME=0 888 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6388	0 6388
0 66	0 4583	0 5889	0 4583	0 5889	0 6388	0 6388
0 86	0 4573	0 5896	0 4573	0 5896	0 6388	0 6388
1 06	0 4761	0 6127	0 4761	0 6127	0 6388	0 6388
1 26	0 4835	0 6219	0 4835	0 6219	0 6388	0 6388
1 46	0 4844	0 6238	0 4844	0 6238	0 6388	0 6388
1 67	0 4936	0 6343	0 4936	0 6343	0 6388	0 6388
2 17	0 5088	0 6519	0 5088	0 6519	0 6388	0 6388
2 66	0 5163	0 6620	0 5163	0 6620	0 6388	0 6388
3 16	0 5265	0 6744	0 5265	0 6744	0 6388	0 6388
3 66	0 5314	0 6804	0 5314	0 6804	0 6388	0 6388
4 66	0 5497	0 7024	0 5497	0 7024	0 6388	0 6388
6 66	0 5653	0 7212	0 5653	0 7212	0 6388	0 6388
8 66	0 5736	0 7311	0 5736	0 7311	0 6388	0 6388
10 66	0 5876	0 7478	0 5876	0 7478	0 6388	0 6388
12 66	0 5949	0 7566	0 5949	0 7566	0 6388	0 6388
14 65	0 5995	0 7620	0 5995	0 7620	0 6388	0 6388
16 66	0 6062	0 7699	0 6062	0 7699	0 6388	0 6388
18 65	0 6141	0 7792	0 6141	0 7792	0 6388	0 6388
20 66	0 6143	0 7795	0 6143	0 7795	0 6388	0 6388
25 66	0 6310	0 7992	0 6310	0 7992	0 6388	0 6388
30 66	0 6448	0 8153	0 6448	0 8153	0 6388	0 6388
35 66	0 6533	0 8252	0 6533	0 8252	0 6388	0 6388
40 65	0 6663	0 8403	0 6663	0 8403	0 6388	0 6388
45 67	0 6756	0 8511	0 6756	0 8511	0 6388	0 6388
50 65	0 6857	0 8626	0 6857	0 8626	0 6388	0 6388
55 65	0 6965	0 8751	0 6965	0 8751	0 6388	0 6388
60 66	0 7101	0 8906	0 7101	0 8906	0 6388	0 6388
70 67	0 7285	0 9115	0 7285	0 9115	0 6388	0 6388
80 66	0 7466	0 9319	0 7466	0 9319	0 6388	0 6388
90 66	0 7657	0 9532	0 7657	0 9532	0 6388	0 6388
101 45	0 7848	0 9736	0 7848	0 9736	0 6388	0 6388
105 43	0 7951	0 9858	0 7951	0 9858	0 6388	0 6388
111 43	0 7994	0 9905	0 7994	0 9905	0 6388	0 6388
115 42	0 8025	0 9940	0 8025	0 9940	0 6388	0 6388
121 43	0 8076	0 9996	0 8076	0 9996	0 6388	0 6388
126 43	0 8088	1 0000	0 8088	1 0000	0 6388	0 6388
136 43	0 8061	0 9988	0 8061	0 9988	0 6388	0 6388
146 44	0 8033	0 9949	0 8033	0 9949	0 6388	0 6388
151 42	0 7993	0 9904	0 7993	0 9904	0 6388	0 6388
161 43	0 7967	0 9876	0 7967	0 9876	0 6388	0 6388
171 44	0 7957	0 9865	0 7957	0 9865	0 6388	0 6388
181 43	0 7938	0 9835	0 7938	0 9835	0 6388	0 6388
191 43	0 7935	0 9840	0 7935	0 9840	0 6388	0 6388

M (NOMINAL)= 1 4

X= 2933 MM T0=299 9 K DEL 995=118 1 MM
RE/M= 8 89*10**6 (MEASURED P) ME=0 799 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6425	0 6425
0 66	0 4427	0 5772	0 4427	0 5772	0 6425	0 6425
0 86	0 4529	0 5899	0 4529	0 5899	0 6425	0 6425
1 07	0 4638	0 6026	0 4638	0 6026	0 6425	0 6425
1 27	0 4639	0 6037	0 4639	0 6037	0 6425	0 6425
1 47	0 4803	0 6241	0 4803	0 6241	0 6425	0 6425
1 66	0 4844	0 6291	0 4844	0 6291	0 6425	0 6425
2 16	0 5047	0 6543	0 5047	0 6543	0 6425	0 6425
2 66	0 5086	0 6591	0 5086	0 6591	0 6425	0 6425
3 16	0 5244	0 6785	0 5244	0 6785	0 6425	0 6425
3 67	0 5297	0 6858	0 5297	0 6858	0 6425	0 6425
4 66	0 5428	0 7008	0 5428	0 7008	0 6425	0 6425
6 67	0 5576	0 7191	0 5576	0 7191	0 6425	0 6425
8 66	0 5762	0 7415	0 5762	0 7415	0 6425	0 6425
10 66	0 5810	0 7474	0 5810	0 7474	0 6425	0 6425
12 67	0 5935	0 7624	0 5935	0 7624	0 6425	0 6425
14 66	0 6011	0 7719	0 6011	0 7719	0 6425	0 6425
16 67	0 6043	0 7753	0 6043	0 7753	0 6425	0 6425
18 66	0 6081	0 7799	0 6081	0 7799	0 6425	0 6425
20 65	0 6127	0 7853	0 6127	0 7853	0 6425	0 6425
25 67	0 6326	0 8091	0 6326	0 8091	0 6425	0 6425
30 66	0 6486	0 8284	0 6486	0 8284	0 6425	0 6425
35 66	0 6579	0 8341	0 6579	0 8341	0 6425	0 6425
40 66	0 6567	0 8398	0 6567	0 8398	0 6425	0 6425
45 66	0 6678	0 8584	0 6678	0 8584	0 6425	0 6425
50 66	0 6766	0 8687	0 6766	0 8687	0 6425	0 6425
55 75	0 6867	0 8725	0 6867	0 8725	0 6425	0 6425
60 70	0 7086	0 8886	0 7086	0 8886	0 6425	0 6425
70 66	0 7198	0 9187	0 7198	0 9187	0 6425	0 6425
80 65	0 7488	0 9746	0 7488	0 9746	0 6425	0 6425
90 66	0 7574	0 9514	0 7574	0 9514	0 6425	0 6425
101 43	0 7778	0 9764	0 7778	0 9764	0 6425	0 6425
111 43	0 7827	0 9825	0 7827	0 9825	0 6425	0 6425
115 43	0 7944	0 9949	0 7944	0 9949	0 6425	0 6425
121 42	0 7971	0 9979	0 7971	0 9979	0 6425	0 6425
126 44	0 7998	1 0000	0 7998	1 0000	0 6425	0 6425
131 43	0 7982	0 9991	0 7982	0 9991	0 6425	0 6425
136 43	0 7991	1 0001	0 7991	1 0001	0 6425	0 6425
141 43	0 7956	0 9963	0 7956	0 9963	0 6425	0 6425
151 43	0 7944	0 9948	0 7944	0 9948	0 6425	0 6425
161 47	0 7924	0 9926	0 7924	0 9926	0 6425	0 6425
171 43	0 7878	0 9876	0 7878	0 9876	0 6425	0 6425
181 42	0 7891	0 9898	0 7891	0 9898	0 6425	0 6425

M (NOMINAL)= 1.5

X=-717 MM T0=293.1 K DEL 99%= 33.9 MM
RE/M= 3.49*10^6 (MEASURED P) ME=1.538 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2584	0.2584
0.69	0.7673	0.5727	0.7673	0.5727	0.2584	0.2584
0.89	0.8005	0.5940	0.8005	0.5940	0.2584	0.2584
1.09	0.8253	0.6110	0.8253	0.6110	0.2584	0.2584
1.29	0.8401	0.6257	0.8401	0.6257	0.2584	0.2584
1.51	0.8702	0.6480	0.8702	0.6480	0.2584	0.2584
1.69	0.8894	0.6522	0.8894	0.6522	0.2584	0.2584
2.19	0.9231	0.6733	0.9231	0.6733	0.2584	0.2584
2.69	0.9500	0.6900	0.9500	0.6900	0.2584	0.2584
3.20	0.9745	0.7050	0.9745	0.7050	0.2584	0.2584
3.69	0.9977	0.7190	0.9977	0.7190	0.2584	0.2584
4.70	1.0389	0.7435	1.0389	0.7435	0.2584	0.2584
6.70	1.0992	0.7785	1.0992	0.7785	0.2584	0.2584
8.69	1.1507	0.8074	1.1507	0.8074	0.2584	0.2584
10.69	1.2001	0.8345	1.2003	0.8345	0.2584	0.2584
12.73	1.2427	0.8572	1.2427	0.8572	0.2584	0.2584
14.72	1.2867	0.8801	1.2867	0.8801	0.2584	0.2584
16.72	1.3204	0.9012	1.3204	0.9012	0.2584	0.2584
18.88	1.3681	0.9289	1.3681	0.9289	0.2584	0.2584
20.78	1.4022	0.9375	1.4022	0.9375	0.2584	0.2584
23.21	1.4417	0.9562	1.4417	0.9562	0.2584	0.2584
25.72	1.4765	0.9722	1.4765	0.9722	0.2584	0.2584
28.38	1.5057	0.9856	1.5057	0.9856	0.2584	0.2584
30.69	1.5168	0.9906	1.5168	0.9906	0.2584	0.2584
33.21	1.5308	0.9968	1.5308	0.9968	0.2584	0.2584
35.92	1.5352	0.9988	1.5352	0.9988	0.2584	0.2584
38.24	1.5366	0.9994	1.5366	0.9994	0.2584	0.2584
40.72	1.5388	1.0000	1.5388	1.0000	0.2584	0.2584
45.73	1.5396	1.0008	1.5398	1.0008	0.2584	0.2584
102.11	1.5352	0.9988	1.5352	0.9988	0.2584	0.2584
112.11	1.5352	0.9988	1.5352	0.9988	0.2584	0.2584
122.12	1.5342	0.9983	1.5342	0.9983	0.2584	0.2584
132.11	1.5346	0.9982	1.5340	0.9982	0.2584	0.2584
142.14	1.5355	0.9989	1.5355	0.9989	0.2584	0.2584

M (NOMINAL)= 1.5

X=-522 MM T0=295.6 K DEL 99%= 34.5 MM
RE/M= 3.40*10^6 (MEASURED P) ME=1.542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2549	0.2549
0.69	0.7636	0.5692	0.7636	0.5692	0.2549	0.2549
0.91	0.7995	0.5931	0.7995	0.5931	0.2549	0.2549
1.10	0.8250	0.6097	0.8250	0.6097	0.2549	0.2549
1.29	0.8492	0.6254	0.8492	0.6254	0.2549	0.2549
1.50	0.8658	0.6360	0.8658	0.6360	0.2549	0.2549
1.69	0.8828	0.6468	0.8828	0.6468	0.2549	0.2549
2.21	0.9196	0.6700	0.9196	0.6700	0.2549	0.2549
2.70	0.9485	0.6879	0.9485	0.6879	0.2549	0.2549
3.19	0.9744	0.7037	0.9744	0.7037	0.2549	0.2549
3.70	0.9967	0.7172	0.9967	0.7172	0.2549	0.2549
4.70	1.0315	0.7377	1.0315	0.7377	0.2549	0.2549
6.69	1.0917	0.7728	1.0917	0.7728	0.2549	0.2549
8.70	1.1435	0.8020	1.1435	0.8020	0.2549	0.2549
10.72	1.1920	0.8286	1.1920	0.8286	0.2549	0.2549
12.73	1.2378	0.8511	1.2378	0.8511	0.2549	0.2549
14.70	1.2751	0.8726	1.2751	0.8726	0.2549	0.2549
16.72	1.3144	0.8926	1.3144	0.8926	0.2549	0.2549
18.69	1.3505	0.9187	1.3505	0.9187	0.2549	0.2549
20.71	1.3851	0.9277	1.3851	0.9277	0.2549	0.2549
23.20	1.4234	0.9459	1.4234	0.9459	0.2549	0.2549
25.72	1.4595	0.9628	1.4595	0.9628	0.2549	0.2549
28.28	1.4882	0.9759	1.4882	0.9759	0.2549	0.2549
30.71	1.5128	0.9871	1.5128	0.9871	0.2549	0.2549
33.19	1.5298	0.9943	1.5298	0.9943	0.2549	0.2549
35.74	1.5364	0.9976	1.5364	0.9976	0.2549	0.2549
38.21	1.5397	0.9998	1.5397	0.9998	0.2549	0.2549
40.70	1.5420	1.0000	1.5420	1.0000	0.2549	0.2549
45.74	1.5422	1.0001	1.5422	1.0001	0.2549	0.2549
50.73	1.5417	0.9999	1.5417	0.9999	0.2549	0.2549
102.11	1.5452	1.0014	1.5452	1.0014	0.2549	0.2549
112.14	1.5465	1.0020	1.5465	1.0020	0.2549	0.2549
122.13	1.5469	1.0022	1.5469	1.0022	0.2549	0.2549
132.13	1.5439	1.0008	1.5439	1.0008	0.2549	0.2549
142.12	1.5465	1.0019	1.5465	1.0019	0.2549	0.2549
152.15	1.5449	1.0013	1.5449	1.0013	0.2549	0.2549

M (NOMINAL)= 1.5

X=-327 MM T0=292.8 K DEL 99%= 37.4 MM
RE/M= 3.51*10^6 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2617	0.2617
0.69	0.7315	0.5526	0.7315	0.5526	0.2617	0.2617
0.89	0.7633	0.5741	0.7633	0.5741	0.2617	0.2617
1.09	0.7916	0.5931	0.7916	0.5931	0.2617	0.2617
1.29	0.8144	0.6082	0.8144	0.6082	0.2617	0.2617
1.49	0.8319	0.6197	0.8319	0.6197	0.2617	0.2617
1.70	0.8488	0.6307	0.8488	0.6307	0.2617	0.2617
2.19	0.8817	0.6519	0.8817	0.6519	0.2617	0.2617
2.72	0.9104	0.6752	0.9104	0.6752	0.2617	0.2617
3.19	0.9379	0.6874	0.9379	0.6874	0.2617	0.2617
3.70	0.9627	0.7028	0.9627	0.7028	0.2617	0.2617
4.70	1.0010	0.7261	1.0010	0.7261	0.2617	0.2617
6.69	1.0587	0.7605	1.0587	0.7605	0.2617	0.2617
8.75	1.1098	0.7901	1.1098	0.7901	0.2617	0.2617
10.77	1.1549	0.8155	1.1549	0.8155	0.2617	0.2617
12.78	1.1975	0.8390	1.1975	0.8390	0.2617	0.2617
14.79	1.2366	0.8601	1.2366	0.8601	0.2617	0.2617
16.78	1.2773	0.8815	1.2773	0.8815	0.2617	0.2617
18.78	1.3071	0.8969	1.3071	0.8969	0.2617	0.2617
20.78	1.3442	0.9157	1.3442	0.9157	0.2617	0.2617
23.19	1.3846	0.9356	1.3846	0.9356	0.2617	0.2617
25.78	1.4215	0.9535	1.4215	0.9535	0.2617	0.2617
28.19	1.4526	0.9682	1.4526	0.9682	0.2617	0.2617
30.69	1.4779	0.9799	1.4779	0.9799	0.2617	0.2617
33.27	1.5016	0.9908	1.5016	0.9908	0.2617	0.2617
35.69	1.5126	0.9957	1.5126	0.9957	0.2617	0.2617
38.22	1.5205	0.9993	1.5205	0.9993	0.2617	0.2617
40.70	1.5220	1.0000	1.5220	1.0000	0.2617	0.2617
45.69	1.5249	1.0013	1.5249	1.0013	0.2617	0.2617
50.78	1.5246	1.0012	1.5246	1.0012	0.2617	0.2617
55.69	1.5246	1.0012	1.5246	1.0012	0.2617	0.2617
102.11	1.5193	0.9988	1.5193	0.9988	0.2617	0.2617
112.19	1.5217	0.9999	1.5217	0.9999	0.2617	0.2617
122.12	1.5237	1.0008	1.5237	1.0008	0.2617	0.2617
132.11	1.5215	0.9998	1.5215	0.9998	0.2617	0.2617
142.12	1.5231	1.0005	1.5231	1.0005	0.2617	0.2617
152.12	1.5231	1.0005	1.5231	1.0005	0.2617	0.2617

M (NOMINAL)= 1.5

X=-278 MM T0=292.5 K DEL 99%= 37.4 MM
RE/M= 3.53*10^6 (MEASURED P) ME=1.524 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2623	0.2680
0.69	0.7295	0.5507	0.7295	0.5507	0.2623	0.2679
0.89	0.7623	0.5729	0.7623	0.5729	0.2623	0.2679
1.09	0.7896	0.5912	0.7896	0.5912	0.2623	0.2679
1.30	0.8097	0.6045	0.8097	0.6045	0.2623	0.2679
1.49	0.8303	0.6181	0.8303	0.6181	0.2623	0.2678
1.69	0.8452	0.6278	0.8452	0.6278	0.2623	0.2678
2.20	0.8813	0.6511	0.8813	0.6511	0.2623	0.2677
2.70	0.8877	0.6552	0.8877	0.6552	0.2623	0.2674
3.19	0.9318	0.6838	0.9318	0.6838	0.2623	0.2674
3.70	0.9571	0.6987	0.9571	0.6987	0.2623	0.2673
4.70	0.9927	0.7205	0.9927	0.7205	0.2623	0.2671
6.72	1.0497	0.7546	1.0497	0.7546	0.2623	0.2666
8.70	1.1037	0.7859	1.1037	0.7859	0.2623	0.2662
10.69	1.1441	0.8088	1.1441	0.8088	0.2623	0.2657
12.69	1.1868	0.8328	1.1868	0.8328	0.2623	0.2653
14.85	1.2326	0.8572	1.2326	0.8572	0.2623	0.2648
16.71	1.2689	0.8761	1.2689	0.8761	0.2623	0.2645
18.73	1.3027	0.8938	1.3027	0.8938	0.2623	0.2642
20.76	1.3376	0.9115	1.3376	0.9115	0.2623	0.2640
23.27	1.3768	0.9318	1.3768	0.9318	0.2623	0.2637
25.80	1.4147	0.9493	1.4147	0.9493	0.2623	0.2636
28.21	1.4478	0.9647	1.4478	0.9647	0.2623	0.2635
30.69	1.4748	0.9776	1.4748	0.9776	0.2623	0.2634
33.19	1.4963	0.9875	1.4963	0.9875	0.2623	0.2632
35.71	1.5104	0.9939	1.5104	0.9939	0.2623	0.2630
38.21	1.5208	0.9982	1.5208	0.9982	0.2623	0.2628
40.71	1.5226	0.9994	1.5226	0.9994	0.2623	0.2626
45.70	1.5248	1.0000	1.5248	1.0000	0.2623	0.2623
50.69	1.5248	1.0000	1.5248	1.0000	0.2623	0.2623
102.11	1.5217	0.9998	1.5217	0.9998	0.2623	0.2623
112.11	1.5234	0.9997	1.5234	0.9997	0.2623	0.2623
122.12	1.5242	1.0001	1.5242	1.0001	0.2623	0.2623
132.11	1.5225	0.9993	1.5225	0.9993	0.2623	0.2623
142.13	1.5226	0.9994	1.5226	0.9994	0.2623	0.2623
152.11	1.5226	0.9994	1.5226	0.9994	0.2623	0.2623

M (NOMINAL)= 1.5

X=-255 MM T0=292.2 K DEL 995= 37.7 MM
RE/M= 3.51e+06 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2635	0.2742
0.69	0.7295	0.5512	0.7295	0.5512	0.2635	0.2739
0.89	0.7622	0.5734	0.7622	0.5734	0.2635	0.2738
1.09	0.7835	0.5877	0.7835	0.5877	0.2635	0.2738
1.29	0.8076	0.6037	0.8076	0.6037	0.2635	0.2737
1.52	0.8261	0.6159	0.8261	0.6159	0.2635	0.2736
1.69	0.8403	0.6252	0.8403	0.6252	0.2635	0.2735
2.20	0.8752	0.6477	0.8752	0.6477	0.2635	0.2733
2.69	0.9036	0.6659	0.9036	0.6659	0.2635	0.2731
3.19	0.9312	0.6832	0.9312	0.6832	0.2635	0.2729
3.69	0.9581	0.6999	0.9581	0.6999	0.2635	0.2727
4.19	0.9915	0.7215	0.9915	0.7215	0.2635	0.2725
6.71	1.0480	0.7542	1.0480	0.7542	0.2635	0.2719
8.70	1.0925	0.7806	1.0925	0.7806	0.2635	0.2714
10.70	1.1420	0.8083	1.1420	0.8083	0.2635	0.2707
12.70	1.1837	0.8314	1.1837	0.8314	0.2635	0.2701
14.69	1.2251	0.8539	1.2251	0.8539	0.2635	0.2695
16.70	1.2627	0.8738	1.2627	0.8738	0.2635	0.2690
18.69	1.2983	0.8923	1.2983	0.8923	0.2635	0.2685
20.71	1.3304	0.9087	1.3304	0.9087	0.2635	0.2681
23.23	1.3690	0.9280	1.3690	0.9280	0.2635	0.2675
25.70	1.4022	0.9442	1.4022	0.9442	0.2635	0.2669
28.21	1.4394	0.9619	1.4394	0.9619	0.2635	0.2663
30.74	1.4680	0.9753	1.4680	0.9753	0.2635	0.2658
33.21	1.4916	0.9862	1.4916	0.9862	0.2635	0.2652
35.69	1.5080	0.9937	1.5080	0.9937	0.2635	0.2647
38.19	1.5183	0.9984	1.5183	0.9984	0.2635	0.2643
40.69	1.5194	0.9988	1.5194	0.9988	0.2635	0.2639
45.69	1.5203	0.9992	1.5203	0.9992	0.2635	0.2635
50.72	1.5220	1.0000	1.5220	1.0000	0.2635	0.2635
55.71	1.5179	0.9982	1.5179	0.9982	0.2635	0.2635
102.11	1.5231	1.0005	1.5231	1.0005	0.2635	0.2635
112.12	1.5208	0.9995	1.5208	0.9995	0.2635	0.2635
122.13	1.5189	0.9986	1.5189	0.9986	0.2635	0.2635
132.16	1.5194	0.9988	1.5194	0.9988	0.2635	0.2635
142.11	1.5205	0.9993	1.5205	0.9993	0.2635	0.2635
152.14	1.5209	0.9995	1.5209	0.9995	0.2635	0.2635

M (NOMINAL)= 1.5

X=-229 MM T0=291.0 K DEL 995= 38.4 MM
RE/M= 3.50e+06 (MEASURED P) ME=1.498 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2731	0.2867
0.69	0.6827	0.5264	0.6827	0.5264	0.2731	0.2865
0.90	0.7181	0.5511	0.7181	0.5511	0.2731	0.2865
1.09	0.7489	0.5725	0.7489	0.5725	0.2731	0.2865
1.29	0.7734	0.5892	0.7734	0.5892	0.2731	0.2865
1.51	0.7931	0.6025	0.7931	0.6025	0.2731	0.2865
1.69	0.8029	0.6092	0.8029	0.6092	0.2731	0.2865
2.19	0.8408	0.6344	0.8408	0.6344	0.2731	0.2865
2.69	0.8736	0.6559	0.8736	0.6559	0.2731	0.2865
3.19	0.9066	0.6774	0.9066	0.6774	0.2731	0.2865
3.69	0.9435	0.6955	0.9435	0.6955	0.2731	0.2865
4.69	0.9561	0.7068	0.9561	0.7068	0.2731	0.2865
6.69	1.0116	0.7438	1.0116	0.7438	0.2731	0.2865
8.71	1.0552	0.7748	1.0552	0.7748	0.2731	0.2864
10.69	1.0956	0.8012	1.0956	0.8012	0.2731	0.2865
12.69	1.1321	0.8256	1.1321	0.8256	0.2731	0.2792
14.72	1.1948	0.8490	1.1948	0.8490	0.2731	0.2781
16.70	1.2298	0.8688	1.2298	0.8688	0.2731	0.2774
18.70	1.2621	0.8868	1.2621	0.8868	0.2731	0.2767
20.71	1.2949	0.9033	1.2949	0.9033	0.2731	0.2754
23.23	1.3345	0.9237	1.3345	0.9237	0.2731	0.2744
25.70	1.3720	0.9427	1.3720	0.9427	0.2731	0.2734
29.19	1.4071	0.9600	1.4071	0.9600	0.2731	0.2721
30.69	1.4287	0.9753	1.4391	0.9725	0.2730	0.2717
33.19	1.4600	0.9855	1.4621	0.9874	0.2725	0.2710
35.69	1.4746	0.9923	1.4783	0.9911	0.2720	0.2702
38.20	1.4829	0.9962	1.4884	0.9957	0.2715	0.2694
40.74	1.4868	0.9981	1.4934	0.9981	0.2711	0.2687
45.74	1.4889	0.9990	1.4955	0.9990	0.2711	0.2711
50.69	1.4910	1.0000	1.4976	1.0000	0.2711	0.2711
55.71	1.4891	0.9991	1.4957	0.9991	0.2711	0.2711
60.70	1.4906	0.9998	1.4972	0.9998	0.2711	0.2711
102.11	1.4908	0.9995	1.4973	0.9998	0.2709	0.2709
112.11	1.4909	0.9999	1.5008	1.0015	0.2701	0.2701
122.13	1.4889	0.9990	1.4989	1.0006	0.2701	0.2701
132.11	1.4905	1.0007	1.5025	1.0022	0.2701	0.2701
142.16	1.4871	0.9982	1.4971	0.9997	0.2701	0.2701
152.11	1.4885	0.9988	1.4984	1.0004	0.2701	0.2701
162.12	1.4920	1.0005	1.5026	1.0020	0.2701	0.2701

M (NOMINAL)= 1.5

X=-203 MM T0=291.2 K DEL 995= 37.8 MM
RE/M= 3.52e+06 (MEASURED P) ME=1.486 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2867	0.2862
0.69	0.6537	0.4945	0.6537	0.4945	0.2867	0.2857
0.91	0.6546	0.5172	0.6546	0.5172	0.2867	0.2856
1.09	0.6887	0.5468	0.6887	0.5468	0.2867	0.2855
1.29	0.7186	0.5544	0.7186	0.5544	0.2867	0.2854
1.49	0.7218	0.5654	0.7218	0.5654	0.2867	0.2852
1.70	0.7458	0.5824	0.7458	0.5824	0.2867	0.2851
2.19	0.7779	0.6048	0.7779	0.6048	0.2867	0.2848
2.70	0.8141	0.6298	0.8141	0.6298	0.2867	0.2844
3.19	0.8487	0.6478	0.8487	0.6479	0.2867	0.2841
3.69	0.8782	0.6676	0.8782	0.6676	0.2867	0.2838
4.69	0.9067	0.6917	0.9067	0.6917	0.2867	0.2838
6.69	0.9728	0.7343	0.9728	0.7343	0.2867	0.2811
8.71	1.0232	0.7659	1.0232	0.7659	0.2867	0.2799
10.70	1.0637	0.7987	1.0641	0.7763	0.2866	0.2775
12.70	1.0968	0.8165	1.1004	0.8024	0.2862	0.2959
14.70	1.1467	0.8499	1.1495	0.8268	0.2858	0.2941
16.69	1.1861	0.8625	1.1900	0.8488	0.2854	0.2921
18.75	1.2243	0.8848	1.2294	0.8704	0.2850	0.2899
20.69	1.2548	0.9003	1.2618	0.8875	0.2847	0.2884
23.19	1.2923	0.9210	1.3019	0.9101	0.2826	0.2864
25.69	1.3296	0.9408	1.3459	0.9317	0.2815	0.2847
28.21	1.3634	0.9582	1.3845	0.9511	0.2798	0.2830
30.72	1.3915	0.9724	1.4169	0.9678	0.2794	0.2817
33.20	1.4168	0.9851	1.4457	0.9809	0.2774	0.2797
35.71	1.4348	0.9936	1.4664	0.9908	0.2764	0.2785
38.19	1.4427	0.9979	1.4784	0.9964	0.2754	0.2771
40.76	1.4478	1.0000	1.4868	1.0000	0.2744	0.2758
45.76	1.4478	1.0000	1.4926	1.0031	0.2724	0.2724
50.71	1.4451	0.9991	1.4967	1.0049	0.2706	0.2706
55.76	1.4464	0.9997	1.4996	1.0065	0.2701	0.2701
102.11	1.4482	1.0006	1.5062	1.0094	0.2687	0.2687
112.12	1.4469	0.9999	1.5056	1.0091	0.2685	0.2685
122.11	1.4471	1.0001	1.5086	1.0104	0.2677	0.2677
132.14	1.4469	0.9999	1.5083	1.0103	0.2677	0.2677
142.12	1.4497	1.0013	1.5112	1.0117	0.2677	0.2677
152.15	1.4466	0.9998	1.5088	1.0102	0.2677	0.2677
157.12	1.4492	1.0011	1.5106	1.0114	0.2677	0.2677

M (NOMINAL)= 1.5

X=-180 MM T0=291.4 K DEL 995= 37.6 MM
RE/M= 3.54e+06 (MEASURED P) ME=1.448 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3292	0.3291
0.69	0.4287	0.3677	0.4287	0.3677	0.3292	0.3286
0.89	0.4498	0.3851	0.4498	0.3851	0.3292	0.3284
1.09	0.4717	0.4031	0.4717	0.4031	0.3292	0.3283
1.30	0.4955	0.4224	0.4955	0.4224	0.3292	0.3281
1.50	0.5261	0.4473	0.5261	0.4473	0.3292	0.3280
1.69	0.5396	0.4581	0.5396	0.4581	0.3292	0.3278
2.21	0.5955	0.5024	0.5955	0.5024	0.3292	0.3274
2.69	0.6526	0.5472	0.6526	0.5472	0.3292	0.3270
3.19	0.6881	0.5681	0.6881	0.5681	0.3292	0.3266
3.69	0.6989	0.5826	0.6989	0.5826	0.3292	0.3263
4.69	0.7179	0.6120	0.7179	0.6120	0.3292	0.3255
6.72	0.7961	0.6552	0.7984	0.6588	0.3292	0.3240
8.69	0.8514	0.6949	0.8557	0.6575	0.3277	0.3220
10.70	0.9242	0.7459	0.9318	0.7071	0.3267	0.3212
12.71	0.9723	0.7787	0.9826	0.7401	0.3251	0.3198
14.69	1.0098	0.8105	1.0337	0.7719	0.3239	0.3182
16.71	1.0579	0.8352	1.0750	0.7971	0.3225	0.3166
18.72	1.1008	0.8625	1.1214	0.8247	0.3211	0.3150
20.71	1.1357	0.8844	1.1606	0.8476	0.3195	0.3133
23.24	1.1791	0.9118	1.2124	0.8768	0.3163	0.3112
25.69	1.2169	0.9335	1.2579	0.9020	0.3134	0.3095
28.19	1.2526	0.9545	1.3022	0.9258	0.3104	0.3071
30.72	1.2781	0.9691	1.3365	0.9438	0.3073	0.3048
33.25	1.3041	0.9839	1.3722	0.9622	0.3040	0.3022
35.73	1.3258	0.9956	1.4026	0.9776	0.3008	0.2995
38.19	1.3353	0.9957	1.4124	0.9824	0.2976	0.2970
40.72	1.3395	1.0016	1.4367	0.9944	0.2943	0.2946
45.73	1.3338	1.0000	1.4482	1.0000	0.2888	0.2888
50.69	1.3291	0.9979	1.4618	1.0066	0.2826	0.2826
55.72	1.3317	0.9993	1.4773	1.0140	0.2786	0.2786
60.71	1.3291	0.9979	1.4871	1.0187	0.2748	0.2748
102.11	1.3283	0.9974	1.5217	1.0350	0.2642	0.2642
112.12	1.3261	0.9962	1.5193	1.0339	0.2642	0.2642
122.15	1.3287	0.9976	1.5222	1.0352	0.2642	0.2642
132.14	1.3279	0.9972	1.5213	1.0348	0.2642	0.2642
142.14	1.3315	0.9992	1.5251	1.0366	0.2642	0.2642
152.11	1.3305	0.9986	1.5248	1.0360	0.2642	0.2642
162.15	1.3327	0.9999	1.5264	1.0372	0.2642	0.2642

M (NOMINAL)= 1 5

X=-155 MM T0=298 9 K DEL 995= 41 2 MM
RE/M= 3 61*10^6 (MEASURED P) ME=1 383 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3651	0 3550
0 69	0 2249	0 2823	0 2249	0 2823	0 3651	0 3551
0 89	0 2599	0 2298	0 2599	0 2298	0 3651	0 3551
1 10	0 2874	0 2577	0 2874	0 2577	0 3651	0 3549
1 31	0 2978	0 2668	0 2978	0 2668	0 3651	0 3548
1 49	0 3177	0 2844	0 3177	0 2844	0 3651	0 3546
1 69	0 3325	0 2973	0 3325	0 2973	0 3651	0 3545
2 19	0 3772	0 3362	0 3772	0 3362	0 3651	0 3541
2 69	0 4271	0 3792	0 4271	0 3792	0 3651	0 3537
3 21	0 4757	0 4286	0 4757	0 4286	0 3651	0 3533
3 69	0 5030	0 4436	0 5030	0 4436	0 3651	0 3529
4 70	0 5796	0 5071	0 5796	0 5071	0 3651	0 3521
6 69	0 6382	0 5547	0 6404	0 5233	0 3644	0 3505
8 70	0 7262	0 6244	0 7386	0 5903	0 3636	0 3489
10 69	0 7814	0 6668	0 7881	0 6318	0 3627	0 3472
12 70	0 8155	0 6925	0 8253	0 6581	0 3615	0 3456
14 70	0 8818	0 7410	0 8934	0 7052	0 3603	0 3440
16 69	0 9340	0 7798	0 9488	0 7424	0 3591	0 3425
18 71	0 9825	0 8131	0 9997	0 7757	0 3579	0 3411
20 69	1 0142	0 8349	1 0344	0 7980	0 3563	0 3397
23 21	1 0823	0 8806	1 1074	0 8435	0 3542	0 3375
25 70	1 0971	0 8903	1 1273	0 8556	0 3520	0 3351
28 21	1 1535	0 9266	1 1898	0 8923	0 3497	0 3329
30 70	1 1885	0 9486	1 2307	0 9164	0 3470	0 3308
33 21	1 2259	0 9711	1 2773	0 9427	0 3438	0 3286
35 70	1 2470	0 9845	1 3094	0 9604	0 3398	0 3264
38 22	1 2572	0 9906	1 3308	0 9716	0 3349	0 3241
40 69	1 2748	1 0011	1 3589	0 9870	0 3287	0 3220
45 70	1 2738	1 0000	1 3835	1 0000	P .487	0 3179
50 70	1 2618	0 9929	1 3908	1 0076	0 3109	0 3169
55 70	1 2738	1 0000	1 4348	1 0264	0 3024	0 3024
60 70	1 2461	0 9839	1 4388	1 0244	0 2942	0 2942
70 74	1 2437	0 9825	1 4673	1 0427	0 2815	0 2815
100 11	1 2424	0 9817	1 5031	1 0683	0 2701	0 2701
112 11	1 2394	0 9799	1 4998	1 0587	0 2701	0 2701
122 11	1 2426	0 9818	1 5032	1 0684	0 2701	0 2701
132 12	1 2424	0 9817	1 5031	1 0683	0 2701	0 2701
142 11	1 2461	0 9839	1 5071	1 0622	0 2701	0 2701
152 12	1 2448	0 9826	1 5047	1 0611	0 2701	0 2701
162 12	1 2478	0 9849	1 5089	1 0631	0 2701	0 2701
172 16	1 2452	0 9834	1 5061	1 0618	0 2701	0 2701

M (NOMINAL)= 1 5

X=-131 MM T0=293 3 K DEL 995= 45 5 MM
RE/M= 3 67*10^6 (MEASURED P) ME=1 382 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3889	0 3821
0 69	0 2141	0 1951	0 2141	0 1951	0 3889	0 3817
0 89	0 2141	0 1951	0 2141	0 1951	0 3889	0 3816
1 10	0 2277	0 2074	0 2277	0 2074	0 3889	0 3814
1 29	0 2334	0 2125	0 2334	0 2125	0 3889	0 3813
1 49	0 2334	0 2125	0 2334	0 2125	0 3889	0 3812
1 72	0 2535	0 2306	0 2535	0 2306	0 3889	0 3810
2 21	0 2657	0 2415	0 2657	0 2415	0 3889	0 3807
2 70	0 2845	0 2583	0 2845	0 2583	0 3889	0 3804
3 20	0 3041	0 2758	0 3041	0 2758	0 3889	0 3801
3 72	0 3218	0 2915	0 3218	0 2915	0 3889	0 3798
4 81	0 3627	0 3277	0 3627	0 3277	0 3889	0 3791
6 75	0 4539	0 4072	0 4569	0 3887	0 3882	0 3780
8 78	0 5187	0 4625	0 5243	0 4342	0 3794	0 3767
10 78	0 5932	0 5249	0 6818	0 4937	0 3786	0 3753
12 71	0 6763	0 5926	0 6856	0 5576	0 3778	0 3740
14 71	0 7199	0 6273	0 7310	0 5910	0 3778	0 3727
16 78	0 7489	0 6438	0 7541	0 6078	0 3762	0 3712
18 72	0 8368	0 7174	0 8589	0 6764	0 3754	0 3697
20 71	0 8663	0 7394	0 8826	0 6983	0 3743	0 3683
23 19	0 9221	0 7883	0 9425	0 7388	0 3723	0 3664
25 69	0 9693	0 8141	0 9937	0 7724	0 3703	0 3646
28 24	1 0173	0 8476	1 0456	0 8056	0 3683	0 3628
30 69	1 0936	0 8993	1 1263	0 8556	0 3661	0 3610
33 29	1 1178	0 9152	1 1568	0 8740	0 3633	0 3588
35 71	1 1758	0 9521	1 2283	0 9111	0 3606	0 3568
38 24	1 2082	0 9738	1 2682	0 9338	0 3578	0 3546
40 69	1 2208	0 9809	1 2795	0 9446	0 3551	0 3525
45 69	1 2495	0 9985	1 3238	0 9685	0 3491	0 3475
50 72	1 2541	1 0013	1 3435	0 9795	0 3427	0 3423
55 71	1 2523	1 0002	1 3616	0 9892	0 3348	0 3348
60 72	1 2520	1 0000	1 3821	1 0000	0 3268	0 3268
70 78	1 2449	0 9956	1 4157	1 0174	0 3118	0 3118
80 71	1 2394	0 9923	1 4551	1 0374	0 2962	0 2962
90 75	1 2281	0 9854	1 4733	1 0465	0 2863	0 2863
100 67	1 2856	0 9714	1 4731	1 0463	0 2787	0 2787
102 11	1 2275	0 9858	1 4982	1 0567	0 2783	0 2783
112 20	1 2852	0 9711	1 4846	1 0520	0 2758	0 2758
122 13	1 2864	0 9719	1 4998	1 0591	0 2718	0 2718
132 11	1 2854	0 9713	1 5099	1 0644	0 2675	0 2675
142 11	1 2842	0 9705	1 5139	1 0663	0 2659	0 2659
152 14	1 2854	0 9713	1 5153	1 0670	0 2659	0 2659
162 14	1 2854	0 9713	1 5153	1 0670	0 2659	0 2659
172 12	1 2854	0 9713	1 5153	1 0670	0 2659	0 2659
182 13	1 2868	0 9722	1 5168	1 0677	0 2659	0 2659
192 17	1 2868	0 9722	1 5168	1 0677	0 2659	0 2659
202 09	1 2868	0 9722	1 5089	1 0697	0 2647	0 2647

M (NOMINAL)= 1 5

X=-108 MM T0=293 3 K DEL 995= 50 9 MM
RE/M= 3 67*10^6 (MEASURED P) ME=1 282 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3956	0 4003
0 20	0 1000	0 1003	0 1000	0 1006	0 3956	0 4003
0 40	0 1252	0 1162	0 1252	0 1162	0 3956	0 4002
0 60	0 1399	0 1298	0 1399	0 1298	0 3956	0 4002
0 80	0 1472	0 1366	0 1472	0 1366	0 3956	0 4002
1 00	0 1546	0 1434	0 1546	0 1434	0 3956	0 4002
1 50	0 1706	0 1581	0 1706	0 1581	0 3956	0 4001
2 00	0 1914	0 1773	0 1914	0 1773	0 3956	0 4000
2 50	0 2061	0 1908	0 2061	0 1908	0 3956	0 3999
3 00	0 2233	0 2066	0 2233	0 2066	0 3956	0 3999
4 00	0 2552	0 2357	0 2552	0 2357	0 3956	0 3997
5 00	0 3202	0 2947	0 3237	0 2981	0 3950	0 3989
6 00	0 3841	0 3519	0 3927	0 3478	0 3938	0 3981
10 00	0 4417	0 4029	0 4543	0 4004	0 3926	0 3973
12 00	0 4969	0 4510	0 5106	0 4477	0 3920	0 3965
14 00	0 5571	0 5025	0 5714	0 4979	0 3914	0 3957
16 00	0 6135	0 5508	0 6286	0 5443	0 3908	0 3949
18 00	0 6712	0 5976	0 6870	0 5906	0 3902	0 3941
20 00	0 7301	0 6452	0 7465	0 6368	0 3896	0 3933
25 00	0 8569	0 7454	0 8794	0 7361	0 3871	0 3910
30 00	0 9828	0 8364	1 0072	0 8259	0 3846	0 3884
35 00	1 0818	0 9047	1 1097	0 8940	0 3821	0 3856
40 00	1 1558	0 9545	1 1899	0 9447	0 3796	0 3828
45 00	1 2012	0 9837	1 2421	0 9766	0 3766	0 3795
50 00	1 2289	0 9961	1 2686	0 9924	0 3736	0 3756
55 00	1 2378	1 0000	1 2816	1 0000	0 3706	0 3717
60 79	1 2285	1 0009	1 2915	1 0058	0 3669	0 3669
70 83	1 2234	0 9978	1 3075	0 8151	0 3579	0 3579
80 79	1 2261	0 9995	1 3316	1 0298	0 3498	0 3498
90 83	1 2259	0 9993	1 3517	1 0404	0 3408	0 3408
100 67	1 2182	0 9944	1 3689	1 0500	0 3389	0 3389
102 11	1 2231	0 9975	1 3777	1 0549	0 3295	0 3295
112 13	1 1923	0 9780	1 3735	1 0526	0 3198	0 3198
122 12	1 2037	0 9853	1 4188	1 0774	0 3071	0 3071
132 12	1 1757	0 9674	1 4222	1 0793	0 2957	0 2957
142 13	1 1736	0 9661	1 4473	1 0927	0 2867	0 2867
152 12	1 1736	0 9661	1 4736	1 1066	0 2783	0 2783
162 21	1 1759	0 9676	1 4929	1 1167	0 2732	0 2732
172 25	1 1758	0 9675	1 4995	1 1208	0 2712	0 2712
182 21	1 1748	0 9669	1 5036	1 1222	0 2696	0 2696
192 25	1 1748	0 9669	1 5036	1 1222	0 2696	0 2696
202 09	1 1747	0 9668	1 5079	1 1244	0 2683	0 2683

M (NOMINAL)= 1 5

X=-83 MM T0=293 0 K DEL 995= 56 1 MM
RE/M= 3 66*10^6 (MEASURED P) ME=1 225 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4071	0 4158
0 20	0 0812	0 0811	0 0812	0 0811	0 4071	0 4157
0 40	0 0812	0 0811	0 0812	0 0811	0 4071	0 4156
0 60	0 0824	0 0823	0 0824	0 0823	0 4071	0 4155
0 80	0 0836	0 0834	0 0836	0 0834	0 4071	0 4155
1 00	0 0848	0 0845	0 0848	0 0845	0 4071	0 4154
1 50	0 0205	0 0193	0 0205	0 0193	0 4071	0 4151
2 00	0 0526	0 0387	0 0526	0 0387	0 4071	0 4149
2 50	0 0482	0 0454	0 0482	0 0454	0 4071	0 4147
3 00	0 0651	0 0613	0 0651	0 0613	0 4071	0 4145
4 00	0 0953	0 0897	0 0953	0 0897	0 4071	0 4141
6 00	0 1833	0 1721	0 1633	0 1721	0 4071	0 4134
8 00	0 2287	0 2069	0 2287	0 2069	0 4071	0 4128
10 00	0 2678	0 2682	0 2678	0 2682	0 4071	0 4122
12 00	0 3461	0 3222	0 3482	0 3203	0 4067	0 4116
14 00	0 4076	0 3778	0 4112	0 3765	0 4063	0 4109
16 00	0 4679	0 4315	0 4726	0 4385	0 4059	0 4103
18 00	0 5294	0 4854	0 5350	0 4945	0 4055	0 4098
20 00	0 5685	0 5362	0 5949	0 5353	0 4051	0 4092
25 00	0 7272	0 6515	0 7552	0 6583	0 4041	0 4079
30 00	0 8599	0 7561	0 8692	0 7543	0 4031	0 4064
35 00	0 9636	0 8381	0 9804	0 8368	0 4021	0 4048
40 00	1 0625	0 9041	1 0748	0 9019	0 4011	0 4034
45 00	1 1324	0 9518	1 1447	0 9487	0 4011	0 4021
50 00	1 1807	0 9836	1 1929	0 9808	0 4011	0 4009
55 00	1 2024	0 9977	1 2176	0 9957	0 3996	0 3997
60 00	1 2060	1 0000	1 2246	1 0000	0 3981	0 3988
70 73	1 2068	1 0006	1 2292	1 0029	0 3959	0 3959
80 89	1 2066	1 0004	1 2362	1 0073	0 3928	0 3928
91 02	1 2048	0 9992	1 2411	1 0103	0 3897	0 3897
102 11	1 2047	0 9991	1 2533	1 0179	0 3848	0 3848
112 15	1 2046	0 9991	1 2763	1 0328	0 3735	0 3735
122 15	1 2033	0 9983	1 3031	1 0482	0 3613	0 3613
132 15	1 1988	0 9953	1 3347	1 0671	0 3462	0 3462
142 24	1 1881	0 9832	1 3728	1 0888	0 3241	0 3241
152 11	1 1881	0 9832	1 4186	1 1153	0 3071	0 3071
162 14	1 1533	0 9656	1 4281	1 1206	0 2942	0 2942
172 15	1 1514	0 9644	1 4589	1 1332	0 2868	0 2868
183 31	1 1589	0 9648	1 4647	1 1408	0 2814	0 2814
192 44	1 1511	0 9642	1 4692	1 1432	0 2801	0 2801

M (NOMINAL)= 1 5

X= -57 MM T0=292 8 K DEL 995= 68 8 MM
RE/M= 3 65*10^6 (MEASURED P) ME=1 193 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4184	0 4437
0 20	-0 0142	-0 0136	-0 0142	-0 0136	0 4184	0 4436
0 40	-0 0281	-0 0192	-0 0281	-0 0192	0 4184	0 4435
0 60	-0 0225	-0 0215	-0 0225	-0 0215	0 4184	0 4434
0 80	-0 0237	-0 0226	-0 0237	-0 0226	0 4184	0 4434
1 00	-0 0248	-0 0238	-0 0248	-0 0238	0 4184	0 4433
1 50	-0 0260	-0 0249	-0 0260	-0 0249	0 4184	0 4430
2 00	-0 0260	-0 0249	-0 0260	-0 0249	0 4184	0 4428
2 50	-0 0248	-0 0238	-0 0248	-0 0238	0 4184	0 4426
3 00	-0 0215	-0 0204	-0 0215	-0 0204	0 4184	0 4424
4 00	0 0000	0 0000	0 0000	0 0000	0 4184	0 4420
6 00	0 0473	0 0452	0 0473	0 0452	0 4184	0 4411
8 00	0 1041	0 0994	0 1041	0 0994	0 4184	0 4402
10 00	0 1644	0 1568	0 1644	0 1568	0 4184	0 4393
12 00	0 2288	0 2094	0 2288	0 2094	0 4184	0 4384
14 00	0 2884	0 2668	0 2884	0 2668	0 4184	0 4374
16 00	0 3324	0 3144	0 3324	0 3144	0 4184	0 4365
18 00	0 3528	0 3699	0 3528	0 3699	0 4184	0 4356
20 00	0 4484	0 4204	0 4484	0 4204	0 4184	0 4346
25 00	0 5832	0 5597	0 5832	0 5 97	0 4184	0 4321
30 00	0 7066	0 6468	0 7066	0 6468	0 4184	0 4296
35 00	0 8257	0 7408	0 8269	0 7369	0 4179	0 4273
40 00	0 9334	0 8237	0 9355	0 8288	0 4174	0 4253
45 00	1 0268	0 8924	1 0389	0 8895	0 4164	0 4231
50 00	1 1097	0 9586	1 1156	0 9484	0 4154	0 4207
55 00	1 1582	0 9835	1 1651	0 9817	0 4149	0 4182
60 00	1 1783	0 9969	1 1862	0 9956	0 4144	0 4159
65 00	1 1818	0 9992	1 1900	0 9986	0 4139	0 4138
70 00	1 1838	1 0000	1 1929	1 0000	0 4134	0 4134
90 72	1 1838	1 0005	1 1961	1 0020	0 4122	0 4122
90 72	1 1826	0 9998	1 1989	1 0019	0 4103	0 4103
100 64	1 1838	1 0005	1 2041	1 0073	0 4083	0 4083
102 11	1 1850	1 0013	1 2059	1 0084	0 4080	0 4080
112 12	1 1852	1 0015	1 2111	1 0118	0 4055	0 4055
122 15	1 1850	1 0013	1 2222	1 0189	0 4000	0 4000
132 12	1 1850	1 0013	1 2476	1 0351	0 3880	0 3880
142 11	1 1842	1 0008	1 2863	1 0594	0 3701	0 3701
152 25	1 1616	0 9991	1 3427	1 0937	0 3452	0 3452
162 11	1 1803	0 9982	1 3966	1 1254	0 3238	0 3238
172 11	1 1742	0 9942	1 4332	1 1464	0 3083	0 3083
182 14	1 1619	0 9868	1 4474	1 1544	0 2989	0 2989
192 14	1 1294	0 9641	1 4389	1 1451	0 2928	0 2928
202 86	1 1433	0 9735	1 4535	1 1579	0 2982	0 2982

M (NOMINAL)= 1 5

X= -14 MM T0=295 6 K DEL 995= 67 4 MM
RE/M= 3 65*10^6 (MEASURED P) ME=1 162 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4252	0 4629
0 20	-0 0078	-0 0068	-0 0078	-0 0068	0 4252	0 4628
0 40	-0 0141	-0 0135	-0 0141	-0 0135	0 4252	0 4628
0 60	-0 0176	-0 0169	-0 0176	-0 0169	0 4252	0 4627
0 80	-0 0211	-0 0203	-0 0211	-0 0203	0 4252	0 4627
1 00	-0 0223	-0 0215	-0 0223	-0 0215	0 4252	0 4626
1 50	-0 0246	-0 0237	-0 0246	-0 0237	0 4252	0 4625
2 00	-0 0256	-0 0248	-0 0258	-0 0248	0 4252	0 4624
2 50	-0 0246	-0 0237	-0 0246	-0 0237	0 4252	0 4622
3 00	-0 0215	-0 0206	-0 0215	-0 0206	0 4252	0 4621
4 00	-0 0188	-0 0181	-0 0188	-0 0181	0 4252	0 4619
5 00	-0 0159	-0 0151	-0 0412	-0 0399	0 4248	0 4614
6 00	-0 0345	-0 0446	-0 0611	-0 0786	0 4246	0 4610
7 00	-0 0	-0 0741	-0 1219	-0 1199	0 4232	0 4605
8 00	-0 1	-0 1141	-0 1669	-0 1627	0 4226	0 4601
10 00	-0 1662	-0 1594	-0 2138	-0 2064	0 4220	0 4597
12 00	-0 2049	-0 1947	-0 2610	-0 2513	0 4214	0 4592
14 00	-0 2388	-0 2256	-0 3139	-0 3014	0 4208	0 4588
16 00	-0 2756	-0 2602	-0 3694	-0 3534	0 4202	0 4582
18 00	-0 3179	-0 3005	-0 4318	-0 4131	0 4197	0 4577
20 00	-0 3656	-0 3455	-0 4978	-0 4711	0 4197	0 4568
25 00	-0 4855	-0 4595	-0 6235	-0 5823	0 4192	0 4554
30 00	-0 5955	-0 5639	-0 7396	-0 6888	0 4197	0 4538
35 00	-0 6952	-0 6551	-0 8447	-0 7781	0 4202	0 4521
40 00	-0 7836	-0 7351	-0 9455	-0 8644	0 4222	0 4504
45 00	-0 8643	-0 8061	-1 0269	-0 9048	0 4242	0 4486
50 00	-0 9365	-0 9471	-1 0965	-0 9471	0 4252	0 4468
55 00	-0 9982	-0 9826	-1 1462	-0 9890	0 4262	0 4447
60 00	-1 0497	-0 9984	-1 1649	-1 0017	0 4287	0 4423
65 00	-1 0744	-1 0000	-1 1624	-1 0000	0 4312	0 4399
70 00	-1 0744	-1 0000	-1 1526	-0 9929	0 4367	0 4367
90 70	-1 0728	-0 9992	-1 1393	-0 9842	0 4428	0 4428
100 61	-1 0728	-0 9992	-1 1223	-0 9725	0 4521	0 4521
102 11	-1 0706	-0 9977	-1 1163	-0 9683	0 4542	0 4542
112 14	-1 0708	-0 9979	-1 0955	-0 9538	0 4658	0 4658
122 15	-1 0714	-0 9983	-1 0942	-0 9529	0 4669	0 4669
132 12	-1 0709	-0 9986	-1 0863	-0 9614	0 4599	0 4599
142 11	-1 0706	-0 9977	-1 1386	-0 9783	0 4463	0 4463
152 16	-1 0705	-0 9976	-1 1764	-1 0094	0 4222	0 4222
162 11	-1 0693	-0 9969	-1 2327	-1 0467	0 3939	0 3939
172 12	-1 0682	-0 9961	-1 2932	-1 0854	0 3660	0 3660
182 22	-1 0692	-0 9968	-1 3396	-1 1142	0 3469	0 3469
192 12	-1 0584	-0 9895	-1 3654	-1 1299	0 3322	0 3322
202 83	-1 0668	-0 9947	-1 4656	-1 1538	0 3281	0 3281

M (NOMINAL)= 1 5

X= 11 MM T0=298 9 K DEL 995= 73 9 MM
RE/M= 3 64*10^6 (MEASURED P) ME=1 185 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4369	0 2851
0 20	-0 0058	-0 0056	-0 0058	-0 0056	0 4369	0 2855
0 40	-0 0081	-0 0079	-0 0081	-0 0079	0 4369	0 2860
0 60	-0 0127	-0 0124	-0 0127	-0 0124	0 4369	0 2864
0 80	-0 0184	-0 0180	-0 0184	-0 0180	0 4369	0 2869
1 00	-0 0219	-0 0214	-0 0219	-0 0214	0 4369	0 2873
1 50	-0 0277	-0 0270	-0 0277	-0 0270	0 4369	0 2884
2 00	-0 0 57	-0 0149	-0 0157	-0 0149	0 4369	0 2895
2 50	-0 0427	-0 0416	-0 0427	-0 0416	0 4369	0 2907
3 00	-0 0438	-0 0427	-0 0438	-0 0427	0 4369	0 2918
4 00	-0 0438	-0 0427	-0 0438	-0 0427	0 4369	0 2940
5 00	-0 0415	-0 0405	-0 0415	-0 0405	0 4369	0 2984
6 00	-0 0184	-0 0181	-0 0184	-0 0181	0 4369	0 3029
7 00	-0 0438	-0 0427	-0 0438	-0 0427	0 4369	0 307
8 00	-0 0	-0 0416	-0 0416	-0 0416	0 4365	0 3119
10 00	-0 1672	-0 1645	-0 1158	-0 1148	0 4361	0 3162
12 00	-0 1480	-0 1378	-0 1541	-0 1551	0 4357	0 3201
14 00	-0 1787	-0 1738	-0 1929	-0 1948	0 4353	0 3251
16 00	-0 2156	-0 2094	-0 2384	-0 2313	0 4349	0 3296
18 00	-0 2 6	-0 2611	-0 3267	-0 3262	0 4344	0 3407
20 00	-0 3151	-0 3082	-0 4272	-0 4235	0 4339	0 3518
25 00	-0 5154	-0 4981	-0 5277	-0 5146	0 4344	0 3629
30 00	-0 6 0	-0 5821	-0 6248	-0 6073	0 4349	0 3741
35 00	-0 7181	-0 6971	-0 7288	-0 6924	0 4359	0 3852
40 00	-0 8232	-0 7939	-0 8232	-0 7539	0 4369	0 3963
45 00	-0 9116	-0 8392	-0 9275	-0 8646	0 4389	0 4074
50 00	-0 9921	-0 9219	-1 0147	-0 9477	0 4409	0 4185
55 00	-1 0688	-0 9688	-1 0938	-0 9918	0 4449	0 4296
60 00	-1 1438	-0 9937	-1 1214	-1 0117	0 4489	0 4408
65 00	-1 1516	-0 9992	-1 1167	-1 0083	0 4559	0 4519
70 00	-1 1578	-1 0000	-1 1051	-1 0000	0 4629	0 4630
90 00	-1 1516	-0 9990	-1 0617	-0 9679	0 4871	0 4871
100 61	-1 1509	-1 0000	-1 0491	-0 9566	0 5133	0 5133
102 11	-1 1539	-1 0000	-1 0138	-0 9318	0 5165	0 5165
112 14	-1 1531	-1 0002	-0 9787	-0 9048	0 5382	0 5382
122 14	-1 1542	-1 0000	-0 9492	-0 8818	0 5571	0 5571
132 14	-1 1528	-0 9998	-0 9249	-0 8626	0 5715	0 5715
142 13	-1 1518	-0 9992	-0 9056	-0 8471	0 5830	0 5830
152 12	-1 1507	-0 9984	-0 8903	-0 8348	0 5920	0 5920
162 11	-1 1494	-0 9975	-0 8817	-0 8278	0 5965	0 5965
172 17	-1 1480	-0 9966	-0 8761	-0 8232	0 5991	0 5991
182 11	-1 1485	-0 9968	-0 8741	-0 8216	0 6005	0 6005
192 22	-1 1385	-0 9900	-0 8549	-0 8059	0 6056	0 6056
202 85	-1 1468	-0 9957	-0 8499	-0 8017	0 6149	0 6149

M (NOMINAL)= 1 5

X= 64 MM T0=292 3 K DEL 995= 79 2 MM
RE/M= 3 62*10^6 (MEASURED P) ME=1 870 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4463	0 3829
0 20	-0 0181	-0 0179	-0 0181	-0 0179	0 4463	0 3833
0 40	-0 0249	-0 0247	-0 0249	-0 0247	0 4463	0 3837
0 60	-0 0317	-0 0314	-0 0317	-0 0314	0 4463	0 3841
0 80	-0 0374	-0 0370	-0 0374	-0 0370	0 4463	0 3845
1 00	-0 0420	-0 0415	-0 0420	-0 0415	0 4463	0 3849
1 50	-0 0488	-0 0482	-0 0488	-0 0482	0 4463	0 3859
2 00	-0 0601	-0 0594	-0 0601	-0 0594	0 4463	0 3869
2 50	-0 0646	-0 0639	-0 0646	-0 0639	0 4463	0 3879
3 00	-0 0669	-0 0661	-0 0669	-0 0661	0 4463	0 3889
4 00	-0 0635	-0 0628	-0 0635	-0 0628	0 4463	0 3909
5 00	-0 0442	-0 0437	-0 0442	-0 0437	0 4463	0 3949
6 00	-0 0193	-0 0191	-0 0193	-0 0191	0 4463	0 3988
7 00	-0 0091	-0 0090	-0 0091	-0 0090	0 4463	0 4028
8 00	-0 0174	-0 0170	-0 0174	-0 0170	0 4463	0 4068
10 00	-0 0634	-0 0626	-0 0639	-0 0631	0 4463	0 4108
12 00	-0 0517	-0 0510	-0 0517	-0 0510	0 4463	0 4148
14 00	-0 1 5	-0 1 0	-0 1 0	-0 1 0	0 4463	0 4188
16 00	-0 1315	-0 1298	-0 1447	-0 1428	0 4463	0 4228
18 00	-0 1542	-0 1521	-0 1542	-0 1521	0 4463	0 4267
20 00	-0 2325	-0 2286	-0 2325	-0 2286	0 4463	0 4307
25 00	-0 3164	-0 3097	-0 3164	-0 3097	0 4463	0 4406
30 00	-0 4082	-0 3971	-0 4082	-0 3971	0 4463	0 4506
35 00	-0 5024	-0 4846	-0 5024	-0 4846	0 4467	0 4606
40 00	-0 6078	-0 5799	-0 6078	-0 5799	0 4463	0 4705
45 00	-0 7122	-0 6789	-0 7122	-0 6789	0 4463	0 4805
50 00	-0 8267	-0 7667	-0 8256	-0 8025	0 4468	0 4125
55 00	-0 9198	-0 8568	-0 9169	-0 8954	0 4473	0 4204
60 00	-1 0229	-0 9197	-1 0162	-0 9587	0 4496	0 4124
65 00	-1 0841	-0 9645	-1 0738	-1 0024	0 4523	0 4043
70 00	-1 1111	-0 9848	-1 0921	-1 0168	0 4568	0 4563
90 00	-1 1272	-0 9952	-1 0999	-1 0227	0 4615	0 4622
95 00	-1 1379	-0 9992	-1 0678	-1 0149	0 4718	0 4722
98 00	-1 1340	-1 0000	-1 0698	-1 0000	0 4823	0 4823
100 68	-1 1340	-1 0000	-1 0368	-0 9746	0 5023	0 5023
102 11	-1 1356	-1 0011	-1 0335	-0 9721	0 5047	0 5047
112 14	-1 1349	-1 0006	-1 0067	-0 9512	0 5205	0 5205
122 14	-1 1364	-1 0017	-0 9844	-0 9335	0 5351	0 5351
132 11	-1 1355	-1 0010	-0 9639	-0 9172	0 5472	0 5472
142 12	-1 1311	-0 9979	-0 9447	-0 9017	0 5562	0 5562
152 19	-1 1292	-0 9966	-0 9287	-0 8887	0 5650	0 5650
162 22	-1 1329	-0 9992	-0 9235	-0 8844	0 5707	0 5707
172 14	-1 1316	-0 9983	-0 9196	-0 8813	0 5723	0 5723
182 14	-1 1296	-0 9969	-0 9147	-0 8789	0 5727	0 5727
192 14	-1 1296	-0 9969	-0 9132	-0 8768	0 5749	0 5749
202 82	-1 1289	-0 9964	-0 9087	-0 8727	0 5773	0 5773

M (NOMINAL)= 1 5

X= 115 MM T0=292 2 K DEL 995= 88 7 MM
RE/M= 3 59*10^6 (MEASURED P) ME=1 872 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4549	0 3435
0 20	-0 0179	-0 0179	-0 0179	-0 0179	0 4549	0 3438
0 40	-0 0212	-0 0212	-0 0212	-0 0212	0 4549	0 3441
0 60	-0 0257	-0 0257	-0 0257	-0 0257	0 4549	0 3444
0 80	-0 0324	-0 0324	-0 0324	-0 0324	0 4549	0 3447
1 00	-0 0425	-0 0425	-0 0425	-0 0425	0 4549	0 3450
1 50	-0 0481	-0 0481	-0 0481	-0 0481	0 4549	0 3458
2 00	-0 0537	-0 0536	-0 0537	-0 0536	0 4549	0 3465
2 50	-0 0559	-0 0559	-0 0559	-0 0559	0 4549	0 3473
3 00	-0 0581	-0 0581	-0 0581	-0 0581	0 4549	0 3481
4 00	-0 0537	-0 0536	-0 0537	-0 0536	0 4549	0 3496
6 00	-0 0369	-0 0369	-0 0369	-0 0369	0 4549	0 3526
8 00	-0 0156	-0 0156	-0 0156	-0 0156	0 4549	0 3557
10 00	0 0034	0 0034	0 0034	0 0034	0 4549	0 3587
12 00	0 0246	0 0246	0 0246	0 0246	0 4549	0 3618
14 00	0 0470	0 0469	0 0470	0 0469	0 4549	0 3648
16 00	0 0727	0 0726	0 0727	0 0726	0 4549	0 3679
18 00	0 1017	0 1016	0 1017	0 1016	0 4549	0 3709
20 00	0 1319	0 1317	0 1319	0 1317	0 4549	0 3740
25 00	0 2035	0 2026	0 2035	0 2026	0 4549	0 3816
30 00	0 2873	0 2850	0 2873	0 2850	0 4549	0 3892
35 00	0 3712	0 3662	0 3712	0 3662	0 4549	0 3968
40 00	0 4606	0 4511	0 4606	0 4511	0 4549	0 4044
45 00	0 5579	0 5413	0 5579	0 5413	0 4549	0 4120
50 00	0 6563	0 6297	0 6563	0 6297	0 4549	0 4196
55 00	0 7613	0 7207	0 7613	0 7207	0 4549	0 4272
60 00	0 8653	0 8078	0 8653	0 8078	0 4549	0 4348
65 00	0 9604	0 8824	0 9563	0 8697	0 4569	0 4425
70 00	1 0353	0 9395	1 0279	0 9662	0 4589	0 4501
75 00	1 0934	0 9825	1 0798	1 0065	0 4629	0 4577
80 00	1 1391	0 9936	1 1075	1 0117	0 4669	0 4653
85 00	1 1758	0 9984	1 1019	1 0075	0 4739	0 4729
90 00	1 1108	1 0006	1 0729	1 0000	0 4889	0 4805
100 63	1 1132	1 0009	1 0478	0 9816	0 4958	0 4958
102 11	1 1285	1 0018	1 0456	0 9798	0 4979	0 4979
112 21	1 1287	1 0019	1 0233	0 9626	0 5113	0 5113
122 11	1 1188	1 0008	1 0027	0 9465	0 5222	0 5222
132 11	1 1171	0 9994	0 9844	0 9320	0 5328	0 5328
142 11	1 1177	0 9998	0 9787	0 9211	0 5416	0 5416
152 12	1 1168	0 9991	0 9582	0 9111	0 5487	0 5487
162 12	1 1157	0 9981	0 9586	0 9058	0 5527	0 5527
172 19	1 1151	0 9981	0 9441	[illegible]	0 5566	0 5566
182 11	1 1148	0 9977	0 9481	[illegible]	0 5587	0 5587
192 22	1 1132	0 9966	0 9487	[illegible]	0 5572	0 5572
202 05	1 1125	0 9960	0 9448	0 9884	0 5549	0 5549

M (NOMINAL)= 1 5

X= 162 MM T0=292 3 K DEL 995= 84 2 MM
RE/M= 3 61*10^6 (MEASURED P) ME=1 871 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4629	0 3815
0 20	-0 0121	-0 0123	-0 0121	-0 0123	0 4629	0 3817
0 40	-0 0177	-0 0178	-0 0177	-0 0178	0 4629	0 3820
0 60	-0 0199	-0 0201	-0 0199	-0 0201	0 4629	0 3822
0 80	-0 0221	-0 0223	-0 0221	-0 0223	0 4629	0 3824
1 00	-0 0254	-0 0256	-0 0254	-0 0256	0 4629	0 3826
1 50	-0 0386	-0 0390	-0 0386	-0 0390	0 4629	0 3832
2 00	-0 0420	-0 0424	-0 0420	-0 0424	0 4629	0 3837
2 50	-0 0420	-0 0424	-0 0420	-0 0424	0 4629	0 3843
3 00	-0 0408	-0 0412	-0 0408	-0 0412	0 4629	0 3849
4 00	-0 0298	-0 0301	-0 0298	-0 0301	0 4629	0 3860
6 00	-0 0132	-0 0134	-0 0132	-0 0134	0 4629	0 3882
8 00	0 0055	0 0056	0 0055	0 0056	0 4629	0 3904
10 00	0 0243	0 0245	0 0243	0 0245	0 4629	0 3927
12 00	0 0464	0 0468	0 0464	0 0468	0 4629	0 3949
14 00	0 0684	0 0691	0 0684	0 0691	0 4629	0 3971
16 00	0 0949	0 0958	0 0949	0 0958	0 4629	0 3993
18 00	0 1225	0 1236	0 1225	0 1236	0 4629	0 4016
20 00	0 1512	0 1524	0 1512	0 1524	0 4629	0 4038
25 00	0 2186	0 2198	0 2186	0 2198	0 4629	0 4094
30 00	0 2892	0 2898	0 2892	0 2898	0 4629	0 4149
35 00	0 3743	0 3729	0 3743	0 3729	0 4629	0 4205
40 00	0 4615	0 4565	0 4615	0 4565	0 4629	0 4261
45 00	0 5589	0 5403	0 5589	0 5403	0 4629	0 4317
50 00	0 6425	0 6238	0 6425	0 6238	0 4629	0 4372
55 00	0 7408	0 7104	0 7408	0 7104	0 4629	0 4428
60 00	0 8390	0 7916	0 8390	0 7916	0 4629	0 4484
65 00	0 9296	0 8671	0 9296	0 8881	0 4634	0 4539
70 00	1 0035	0 9249	1 0017	0 9466	0 4639	0 4595
75 00	1 0578	0 9658	1 0584	1 0045	0 4669	0 4651
80 00	1 0896	0 9895	1 0772	1 0058	0 4699	0 4708
85 00	1 1018	0 9984	1 0759	1 0062	0 4759	0 4762
90 00	1 1048	1 0008	1 0747	1 0000	0 4819	0 4816
100 62	1 1048	1 0008	1 0587	0 9848	0 4936	0 4936
102 11	1 1012	0 9980	1 0451	0 9685	0 4952	0 4952
112 11	1 1061	1 0015	1 0120	0 9381	0 5068	0 5068
122 11	1 1029	0 9992	1 0121	0 9549	0 5168	0 5168
132 13	1 1049	1 0008	0 9987	0 9441	0 5254	0 5254
142 13	1 1049	1 0008	0 9876	0 9355	0 5322	0 5322
152 12	1 1028	0 9991	0 9761	0 9265	0 5388	0 5388
162 24	1 1016	0 9982	0 9675	0 9194	0 5426	0 5426
172 11	1 1007	0 9976	0 9625	0 9152	0 5451	0 5451
182 16	1 1008	0 9971	0 9585	0 9127	0 5459	0 5459
192 24	1 1012	0 9980	0 9538	0 9159	0 5458	0 5458
202 04	1 0989	0 9965	0 9536	0 9180	0 5414	0 5414

M (NOMINAL)= 1 5

X= 211 MM T0=292 1 K DEL 995= 87 8 MM
RE/M= 3 60*10^6 (MEASURED P) ME=1 848 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4713	0 4017
0 20	-0 0822	-0 0822	-0 0822	-0 0822	0 4713	0 4019
0 40	-0 0844	-0 0844	-0 0844	-0 0844	0 4713	0 4041
0 60	-0 0865	-0 0867	-0 0865	-0 0867	0 4713	0 4043
0 80	-0 0887	-0 0889	-0 0887	-0 0889	0 4713	0 4045
1 00	-0 0120	-0 0122	-0 0120	-0 0122	0 4713	0 4046
1 50	-0 0174	-0 0178	-0 0174	-0 0178	0 4713	0 4051
2 00	-0 0153	-0 0156	-0 0153	-0 0156	0 4713	0 4056
2 50	-0 0076	-0 0078	-0 0076	-0 0078	0 4713	0 4060
3 00	-0 0033	-0 0033	-0 0033	-0 0033	0 4713	0 4065
4 00	0 0011	0 0011	0 0011	0 0011	0 4713	0 4074
6 00	0 0153	0 0156	0 0153	0 0156	0 4713	0 4093
8 00	0 0238	0 0245	0 0238	0 0245	0 4713	0 4111
10 00	0 0524	0 0534	0 0524	0 0534	0 4713	0 4130
12 00	0 0731	0 0745	0 0731	0 0745	0 4713	0 4148
14 00	0 0949	0 0967	0 0949	0 0967	0 4713	0 4167
16 00	0 1178	0 1200	0 1178	0 1200	0 4713	0 4185
18 00	0 1516	0 1543	0 1516	0 1543	0 4713	0 4204
20 00	0 1688	0 1709	0 1688	0 1709	0 4713	0 4222
25 00	0 2324	0 2357	0 2324	0 2357	0 4713	0 4268
30 00	0 3044	0 3076	0 3044	0 3076	0 4713	0 4315
35 00	0 3796	0 3887	0 3786	0 3887	0 4713	0 4361
40 00	0 4582	0 4578	0 4582	0 4578	0 4713	0 4407
45 00	0 5444	0 5395	0 5444	0 5395	0 4713	0 4453
50 00	0 6376	0 6218	0 6328	0 6218	0 4713	0 4500
55 00	0 7212	0 7000	0 7212	0 7000	0 4713	0 4546
60 00	0 8186	0 7772	0 8186	0 7772	0 4713	0 4592
65 00	0 8946	0 8471	0 8946	0 8471	0 4713	0 4638
70 00	0 9732	0 9181	0 9732	0 9181	0 4713	0 4685
75 00	1 0347	0 9574	1 0387	0 9664	0 4733	0 4731
80 00	1 0725	0 9878	1 0665	1 0144	0 4753	0 4777
85 00	1 0888	0 9984	1 0781	1 0184	0 4808	0 4823
90 00	1 0899	0 9992	1 0819	1 0124	0 4963	0 4870
95 00	1 0899	0 9992	1 0654	1 0057	0 4913	0 4916
100 00	1 0918	1 0008	1 0466	1 0000	0 4963	0 4962
102 11	1 0918	1 0008	1 0452	0 9978	0 4988	0 4988
112 11	1 0962	1 0009	1 0128	0 9681	0 5068	0 5068
122 11	1 0968	0 9996	1 0108	0 9761	0 5142	0 5142
132 11	1 0947	1 0002	1 0077	0 9681	0 5226	0 5226
142 11	1 0918	1 0000	1 0045	0 9568	0 5286	0 5286
152 11	1 0878	0 9978	0 9830	0 9471	0 5329	0 5329
162 11	1 0898	0 9961	0 9769	0 9424	0 5367	0 5367
172 16	1 0869	0 9961	0 9644	0 9411	0 5384	0 5384
182 12	1 0852	0 9955	0 9638	0 9404	0 5391	0 5391
192 14	1 0829	0 9947	0 9574	0 9411	0 5364	0 5364
202 04	1 0849	0 9955	0 9495	0 9424	0 5351	0 5351

M (NOMINAL)= 1 5

X= 260 MM T0=292 0 K DEL 995= 98 8 MM
RE/M= 3 60*10^6 (MEASURED P) ME=1 844 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4789	0 4262
0 20	0 0205	0 0211	0 0205	0 0211	0 4789	0 4263
0 40	0 0288	0 0289	0 0288	0 0289	0 4789	0 4265
0 60	0 0377	0 0388	0 0377	0 0388	0 4789	0 4266
0 80	0 0442	0 0455	0 0442	0 0455	0 4789	0 4267
1 00	0 0474	0 0488	0 0474	0 0488	0 4789	0 4269
1 50	0 0614	0 0632	0 0614	0 0632	0 4789	0 4272
2 00	0 0647	0 0666	0 0647	0 0666	0 4789	0 4275
2 50	0 0679	0 0699	0 0679	0 0699	0 4789	0 4279
3 00	0 0722	0 0743	0 0722	0 0743	0 4789	0 4282
4 00	0 0841	0 0865	0 0841	0 0865	0 4789	0 4289
6 00	0 0927	0 0954	0 0927	0 0954	0 4789	0 4302
8 00	0 1067	0 1098	0 1067	0 1098	0 4789	0 4315
10 00	0 1164	0 1197	0 1164	0 1197	0 4789	0 4329
12 00	0 1304	0 1341	0 1304	0 1341	0 4789	0 4342
14 00	0 1466	0 1506	0 1466	0 1506	0 4789	0 4355
16 00	0 1585	0 1628	0 1585	0 1628	0 4789	0 4368
18 00	0 1757	0 1804	0 1757	0 1804	0 4789	0 4382
20 00	0 1951	0 2002	0 1951	0 2002	0 4789	0 4395
25 00	0 2512	0 2570	0 2512	0 2570	0 4789	0 4428
30 00	0 3115	0 3178	0 3115	0 3178	0 4789	0 4461
35 00	0 3848	0 3986	0 3848	0 3986	0 4789	0 4495
40 00	0 4571	0 4612	0 4571	0 4612	0 4789	0 4528
45 00	0 5379	0 5386	0 5379	0 5386	0 4789	0 4561
50 00	0 6220	0 6171	0 6220	0 6171	0 4789	0 4594
55 00	0 7082	0 6953	0 7082	0 6953	0 4789	0 4628
60 00	0 7913	0 7682	0 7913	0 7682	0 4789	0 4661
65 00	0 8718	0 8358	0 8700	0 8572	0 4794	0 4694
70 00	0 9562	0 9054	0 9543	0 9279	0 4799	0 4727
75 00	1 0144	0 9513	1 0100	0 9731	0 4814	0 4761
80 00	1 0478	0 9771	1 0488	0 9976	0 4829	0 4794
85 00	1 0686	0 9878	1 0584	1 0051	0 4849	0 4827
90 00	1 0784	0 9943	1 0567	1 0100	0 4869	0 4860
95 00	1 0758	0 9934	1 0569	1 0102	0 4899	0 4893
100 00	1 0769	0 9992	1 0529	1 0071	0 4959	0 4927
105 00	1 0769	0 9992	1 0479	1 0031	0 4959	0 4959
110 00	1 0788	1 0008	1 0439	1 0000	0 4989	0 4989
122 15	1 0751	0 9978	1 0327	0 9911	0 5098	0 5098
132 12	1 0774	0 9995	1 0189	0 9794	0 5194	0 5194
142 11	1 0756	0 9982	0 9982	0 9657	0 5258	0 5258
152 11	1 0747	0 9975	0 9891	0 9567	0 5299	0 5299
162 11	1 0740	0 9970	0 9829	0 9521	0 5331	0 5331
172 11	1 0752	0 9979	0 9819	0 9508	0 5341	0 5341
182 11	1 0743	0 9973	0 9811	0 9511	0 5337	0 5337
192 11	1 0737	0 9968	0 9802	0 9508	0 5327	0 5327
202 04	1 0701	0 9941	0 9845	0 9545	0 5299	0 5299

M (NOMINAL)= 1 5

X= 456 MM T0=291 8 K DEL 95=102 3 MM
RE/M= 3 54*10^6 (MEASURED P) ME=1 008 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5087	0 4496
0 69	0 1588	0 1694	0 1588	0 1694	0 5087	0 4588
0 89	0 1 09	0 1398	0 1389	0 1398	0 5087	0 4582
1 18	0 1556	0 1668	0 1556	0 1668	0 5087	0 4583
1 31	0 1554	0 1658	0 1554	0 1658	0 5087	0 4584
1 49	0 1634	0 1743	0 1634	0 1743	0 5087	0 4585
1 71	0 1705	0 1819	0 1705	0 1819	0 5087	0 4587
2 19	0 1638	0 1739	0 1638	0 1739	0 5087	0 4510
2 70	0 1701	0 1814	0 1701	0 1814	0 5087	0 4513
3 19	0 1812	0 1932	0 1812	0 1932	0 5087	0 4516
3 69	0 1826	0 1947	0 1826	0 1947	0 5087	0 4519
4 69	0 1864	0 1987	0 1864	0 1987	0 5087	0 4525
6 70	0 1898	0 2015	0 1898	0 2015	0 5087	0 4538
8 70	0 1967	0 1990	0 1967	0 1990	0 5087	0 4550
10 70	0 2061	0 2196	0 2061	0 2196	0 5087	0 4562
12 69	0 2159	0 2299	0 2159	0 2299	0 5087	0 4575
14 71	0 2418	0 2572	0 2418	0 2572	0 5087	0 4587
16 71	0 2485	0 2642	0 2485	0 2642	0 5087	0 4599
18 72	0 2711	0 2888	0 2711	0 2888	0 5087	0 4612
20 71	0 2887	0 2988	0 2887	0 2988	0 5087	0 4624
25 70	0 3246	0 3437	0 3246	0 3437	0 5087	0 4655
30 72	0 3822	0 4030	0 3822	0 4030	0 5087	0 4686
35 71	0 4320	0 4537	0 4320	0 4537	0 5087	0 4717
40 71	0 4827	0 5048	0 4827	0 5048	0 5087	0 4748
45 70	0 5377	0 5595	0 5377	0 5595	0 5087	0 4778
50 70	0 6093	0 6289	0 6093	0 6289	0 5087	0 4809
55 71	0 6791	0 6952	0 6791	0 6952	0 5087	0 4840
60 70	0 7552	0 7472	0 7552	0 7472	0 5087	0 4871
70 75	0 8996	0 8842	0 8996	0 8842	0 5087	0 4933
80 69	0 9682	0 9604	0 9681	0 9767	0 5088	P 4995
90 69	1 0113	0 9852	1 0092	1 0000	0 5100	0 5057
100 67	1 0138	0 9958	1 0150	1 0057	0 5140	0 5118
105 11	1 0066	0 9981	1 0170	1 0073	0 5145	0 5127
112 12	1 0065	0 9978	1 0094	1 0010	0 5150	0 5189
116 13	1 0098	1 0000	1 0081	1 0000	0 5214	0 5214
122 13	1 0088	0 9998	1 0020	0 9958	0 5250	0 5250
132 14	1 0085	0 9996	0 9918	0 9865	0 5110	0 5310
142 13	1 0051	0 9969	0 9783	0 9752	0 5372	0 5372
152 12	1 0035	0 9956	0 9657	0 9647	0 5440	0 5440
162 12	1 0038	0 9958	0 9570	0 9573	0 5495	0 5495
172 17	1 0053	0 9970	0 9528	0 9538	0 5531	0 5531
182 11	1 0038	0 9956	0 9488	0 9497	0 5551	0 5551
192 11	1 0013	0 9938	0 9426	0 9451	0 5569	0 5569
202 09	1 0182	0 9913	0 9388	0 9412	0 5577	0 5577

M (NOMINAL)= 1 5

X= 749 MM T0=291 5 K DEL 95=118 ; MM
RE/M= 3 53*10^6 (MEASURED P) ME=0 975 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5415	0 5415
0 69	0 2471	0 2748	0 2471	0 2748	0 5415	0 5415
0 90	0 2551	0 2835	0 2551	0 2835	0 5415	0 5415
1 18	0 2542	0 2826	0 2542	0 2826	0 5415	0 5415
1 29	0 2575	0 2862	0 2575	0 2862	0 5415	0 5415
1 50	0 2816	0 3126	0 2816	0 3126	0 5415	0 5415
1 69	0 2815	0 3125	0 2815	0 3125	0 5415	0 5415
2 19	0 2843	0 3156	0 2843	0 3156	0 5415	0 5415
2 71	0 3023	0 3351	0 3023	0 3351	0 5415	0 5415
3 19	0 3007	0 3334	0 3007	0 3334	0 5415	0 5415
3 70	0 3041	0 3372	0 3041	0 3372	0 5415	0 5415
4 70	0 3174	0 3472	0 3174	0 3472	0 5415	0 5415
6 70	0 3196	0 3540	0 3196	0 3540	0 5415	0 5415
8 71	0 3224	0 3678	0 3224	0 3678	0 5415	0 5415
10 70	0 3499	0 3868	0 3499	0 3868	0 5415	0 5415
12 69	0 3447	0 3811	0 3447	0 3811	0 5415	0 5415
14 74	0 3579	0 3954	0 3579	0 3954	0 5415	0 5415
16 70	0 3728	0 4125	0 3728	0 4125	0 5415	0 5415
18 73	0 3896	0 4294	0 3896	0 4294	0 5415	0 5415
20 70	0 4010	0 4416	0 4010	0 4416	0 5415	0 5415
25 70	0 4291	0 4715	0 4291	0 4715	0 5415	0 5415
30 70	0 4733	0 5181	0 4733	0 5181	0 5415	0 5415
35 70	0 5110	0 5574	0 5110	0 5574	0 5415	0 5415
40 69	0 5486	0 5962	0 5486	0 5962	0 5415	0 5415
45 71	0 5879	0 6362	0 5879	0 6362	0 5415	0 5415
50 70	0 6341	0 6826	0 6341	0 6826	0 5415	0 5415
55 71	0 6784	0 7285	0 6784	0 7285	0 5415	0 5415
60 71	0 7235	0 7782	0 7235	0 7782	0 5415	0 5415
70 71	0 7973	0 8482	0 7973	0 8482	0 5415	0 5415
80 70	0 8886	0 9168	0 8886	0 9168	0 5415	0 5415
90 70	0 9277	0 9588	0 9277	0 9588	0 5415	0 5415
100 62	0 9587	0 9798	0 9587	0 9798	0 5415	0 5415
102 11	0 9614	0 9886	0 9614	0 9886	0 5415	0 5415
112 12	0 9674	0 9914	0 9674	0 9914	0 5415	0 5415
122 12	0 9727	0 9988	0 9727	0 9988	0 5415	0 5415
132 12	0 9758	1 0000	0 9758	1 0000	0 5415	0 5415
142 11	0 9729	0 9981	0 9729	0 9981	0 5415	0 5415
152 20	0 9712	0 9962	0 9712	0 9962	0 5415	0 5415
162 1	0 9696	0 9955	0 9696	0 9955	0 5415	0 5415
172 13	0 9714	0 9969	0 9714	0 9969	0 5415	0 5415
182 12	0 9705	0 9968	0 9705	0 9968	0 5415	0 5415
192 12	0 9687	0 9945	0 9687	0 9945	0 5415	0 5415
202 04	0 9674	0 9934	0 9674	0 9934	0 5415	0 5415

M (NOMINAL)= 1 5

X= 1043 MM T0=291 0 K DEL 95=129 0 MM
RE/M= 3 46*10^6 (MEASURED P) ME=0 931 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5676	0 5676
0 69	0 2979	0 3436	0 2979	0 3436	0 5676	0 5676
0 90	0 3080	0 3550	0 3080	0 3550	0 5676	0 5676
1 18	0 3247	0 3727	0 3245	0 3727	0 5676	0 5676
1 29	0 3200	0 3685	0 3200	0 3685	0 5676	0 5676
1 50	0 3355	0 3861	0 3355	0 3861	0 5676	0 5676
1 70	0 3418	0 3931	0 3418	0 3931	0 5676	0 5676
2 19	0 3598	0 4137	0 3598	0 4137	0 5676	0 5676
2 70	0 3724	0 4287	0 3726	0 4287	0 5676	0 5676
3 20	0 3744	0 4297	0 3744	0 4297	0 5676	0 5676
3 69	0 3705	0 4241	0 3705	0 4241	0 5676	0 5676
4 70	0 3922	0 4495	0 3922	0 4495	0 5676	0 5676
6 71	0 4086	0 4584	0 4086	0 4584	0 5676	0 5676
8 70	0 4184	0 4698	0 4184	0 4698	0 5676	0 5676
10 70	0 4194	0 4801	0 4195	0 4801	0 5676	0 5676
12 70	0 4316	0 4931	0 4316	0 4931	0 5676	0 5676
14 71	0 4392	0 5015	0 4392	0 5015	0 5676	0 5676
16 69	0 4586	0 5135	0 4586	0 5135	0 5676	0 5676
18 71	0 4622	0 5267	0 4622	0 5267	0 5676	0 5676
20 70	0 4755	0 5409	0 4755	0 5409	0 5676	0 5676
25 70	0 4988	0 5578	0 4988	0 5578	0 5676	0 5676
30 72	0 5160	0 5849	0 5160	0 5849	0 5676	0 5676
35 70	0 5471	0 6183	0 5471	0 6183	0 5676	0 5676
40 70	0 5774	0 6585	0 5774	0 6585	0 5676	0 5676
45 70	0 6036	0 6788	0 6036	0 6788	0 5676	0 5676
50 71	0 6359	0 7116	0 6359	0 7116	0 5676	0 5676
55 72	0 6641	0 7487	0 6641	0 7487	0 5676	0 5676
60 69	0 6981	0 7755	0 6981	0 7755	0 5676	0 5676
70 72	0 7538	0 8383	0 7538	0 8383	0 5676	0 5676
80 70	0 8064	0 8826	0 8064	0 8826	0 5676	0 5676
90 70	0 8561	0 9381	0 8561	0 9381	0 5676	0 5676
100 65	0 8878	0 9688	0 8878	0 9688	0 5676	0 5676
102 11	0 8979	0 9694	0 8979	0 9694	0 5676	0 5676
112 50	0 9126	0 9833	0 9126	0 9833	0 5676	0 5676
122 12	0 9252	0 9947	0 9252	0 9947	0 5676	0 5676
132 14	0 9249	0 9944	0 9249	0 9944	0 5676	0 5676
142 12	0 9318	1 0000	0 9318	1 0000	0 5676	0 5676
152 13	0 9241	0 9937	0 9241	0 9937	0 5676	0 5676
162 11	0 9381	0 9991	0 9381	0 9991	0 5676	0 5676
172 14	0 9288	0 9979	0 9288	0 9979	0 5676	0 5676
182 12	0 9276	0 9968	0 9276	0 9968	0 5676	0 5676
192 12	0 9249	0 9944	0 9249	0 9944	0 5676	0 5676
202 07	0 9244	0 9939	0 9244	0 9939	0 5676	0 5676

M (NOMINAL)= 1 5

X= 1279 MM T0=292 6 K DEL 95=139 5 MM
RE/M= 3 45*10^6 (MEASURED P) ME=0 913 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5793	0 5793
0 66	0 3544	0 4141	0 3544	0 4141	0 5793	0 5793
0 87	0 3662	0 4287	0 3682	0 4287	0 5793	0 5793
1 06	0 3710	0 4338	0 3710	0 4338	0 5793	0 5793
1 26	0 3768	0 4396	0 3768	0 4396	0 5793	0 5793
1 46	0 3858	0 4498	0 3858	0 4498	0 5793	0 5793
1 66	0 3894	0 4538	0 3894	0 4538	0 5793	0 5793
2 16	0 3977	0 4632	0 3977	0 4632	0 5793	0 5793
2 66	0 4172	0 4852	0 4172	0 4852	0 5793	0 5793
3 16	0 4221	0 4907	0 4221	0 4907	0 5793	0 5793
3 66	0 4287	0 4982	0 4287	0 4982	0 5793	0 5793
4 66	0 4371	0 5075	0 4371	0 5075	0 5793	0 5793
6 67	0 4527	0 5249	0 4527	0 5249	0 5793	0 5793
8 66	0 4665	0 5401	0 4665	0 5401	0 5793	0 5793
10 66	0 4687	0 5427	0 4687	0 5427	0 5793	0 5793
12 66	0 4758	0 5505	0 4758	0 5505	0 5793	0 5793
14 67	0 4889	0 5651	0 4889	0 5651	0 5793	0 5793
16 66	0 4992	0 5764	0 4992	0 5764	0 5793	0 5793
18 66	0 5012	0 5786	0 5012	0 5786	0 5793	0 5793
20 67	0 5091	0 5873	0 5091	0 5873	0 5793	0 5793
25 67	0 5271	0 6069	0 5271	0 6069	0 5793	0 5793
30 66	0 5487	0 6305	0 5487	0 6305	0 5793	0 5793
35 67	0 5714	0 6550	0 5714	0 6550	0 5793	0 5793
40 66	0 5955	0 6807	0 5955	0 6807	0 5793	0 5793
45 66	0 6169	0 7036	0 6169	0 7036	0 5793	0 5793
50 67	0 6485	0 7284	0 6485	0 7284	0 5793	0 5793
55 65	0 6656	0 7541	0 6650	0 7541	0 5793	0 5793
60 66	0 6871	0 7771	0 6871	0 7771	0 5793	0 5793
70 66	0 7445	0 8357	0 7445	0 8357	0 5793	0 5793
80 66	0 7729	0 8643	0 7729	0 8643	0 5793	0 5793
90 66	0 8222	0 9138	0 8222	0 9138	0 5793	0 5793
101 43	0 8592	0 9489	0 8592	0 9489	0 5793	0 5793
111 43	0 8834	0 9720	0 8834	0 9720	0 5793	0 5793
121 44	0 9039	0 9914	0 9039	0 9914	0 5793	0 5793
131 43	0 9054	0 9929	0 9054	0 9929	0 5793	0 5793
141 43	0 9100	0 9972	0 9100	0 9972	0 5793	0 5793
151 44	0 9129	0 9999	0 9129	0 9999	0 5793	0 5793
161 43	0 9139	1 0000	0 9139	1 0000	0 5793	0 5793
171 43	0 9138	1 0000	0 9138	1 0000	0 5793	0 5793
181 43	0 9090	0 9962	0 9090	0 9962	0 5793	0 5793
191 43	0 9103	0 9974	0 9103	0 9974	0 5793	0 5793

M (NOMINAL) = 1.5

X= 1769 MM T0=292.5 K DEL 995=157.6 MM
RE/M= 3.35x10^6 (MEASURED P) ME=0.875 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6015	0.6015
0.66	0.3820	0.4621	0.3820	0.4621	0.6015	0.6015
0.85	0.3926	0.4746	0.3926	0.4746	0.6015	0.6015
1.06	0.4015	0.4850	0.4015	0.4850	0.6015	0.6015
1.26	0.4088	0.4935	0.4088	0.4935	0.6015	0.6015
1.46	0.4258	0.5133	0.4258	0.5133	0.6015	0.6015
1.66	0.4269	0.5146	0.4269	0.5146	0.6015	0.6015
2.16	0.4460	0.5368	0.4460	0.5368	0.6015	0.6015
2.66	0.4548	0.5478	0.4548	0.5478	0.6015	0.6015
3.17	0.4615	0.5546	0.4615	0.5546	0.6015	0.6015
3.66	0.4666	0.5606	0.4666	0.5606	0.6015	0.6015
4.66	0.4756	0.5709	0.4756	0.5709	0.6015	0.6015
6.66	0.4939	0.5919	0.4939	0.5919	0.6015	0.6015
8.66	0.5079	0.6079	0.5079	0.6079	0.6015	0.6015
10.66	0.5160	0.6178	0.5160	0.6178	0.6015	0.6015
12.66	0.5189	0.6203	0.5189	0.6203	0.6015	0.6015
14.66	0.5302	0.6331	0.5302	0.6331	0.6015	0.6015
16.67	0.5317	0.6349	0.5317	0.6349	0.6015	0.6015
18.66	0.5406	0.6448	0.5406	0.6448	0.6015	0.6015
20.67	0.5463	0.6512	0.5463	0.6512	0.6015	0.6015
25.66	0.5651	0.6721	0.5651	0.6721	0.6015	0.6015
30.67	0.5778	0.6856	0.5778	0.6856	0.6015	0.6015
35.66	0.5908	0.7010	0.5908	0.7010	0.6015	0.6015
40.66	0.6099	0.7221	0.6099	0.7221	0.6015	0.6015
45.66	0.6178	0.7308	0.6178	0.7308	0.6015	0.6015
50.66	0.6325	0.7469	0.6325	0.7469	0.6015	0.6015
55.66	0.6585	0.7665	0.6585	0.7665	0.6015	0.6015
60.66	0.6647	0.7819	0.6647	0.7819	0.6015	0.6015
70.66	0.7029	0.8229	0.7029	0.8229	0.6015	0.6015
80.66	0.7327	0.8545	0.7327	0.8545	0.6015	0.6015
90.66	0.7552	0.8781	0.7552	0.8781	0.6015	0.6015
101.43	0.7804	0.9125	0.7804	0.9125	0.6015	0.6015
111.43	0.8166	0.9414	0.8166	0.9414	0.6015	0.6015
121.44	0.8357	0.9607	0.8357	0.9607	0.6015	0.6015
131.44	0.8551	0.9882	0.8551	0.9882	0.6015	0.6015
141.43	0.8665	0.9916	0.8665	0.9916	0.6015	0.6015
151.43	0.8671	0.9922	0.8671	0.9922	0.6015	0.6015
161.43	0.8721	0.9971	0.8721	0.9971	0.6015	0.6015
171.43	0.8763	1.0013	0.8763	1.0013	0.6015	0.6015
181.43	0.8750	1.0000	0.8750	1.0000	0.6015	0.6015
191.43	0.8747	0.9997	0.8747	0.9997	0.6015	0.6015

M (NOMINAL) = 1.5

X= 2258 MM T0=292.6 K DEL 995=172.3 MM
RE/M= 3.32x10^6 (MEASURED P) ME=0.851 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6141	0.6141
0.66	0.3931	0.4867	0.3931	0.4867	0.6141	0.6141
0.86	0.4085	0.5052	0.4085	0.5052	0.6141	0.6141
1.06	0.4148	0.5127	0.4148	0.5127	0.6141	0.6141
1.26	0.4253	0.5253	0.4253	0.5253	0.6141	0.6141
1.47	0.4361	0.5382	0.4361	0.5382	0.6141	0.6141
1.66	0.4422	0.5454	0.4422	0.5454	0.6141	0.6141
2.16	0.4544	0.5599	0.4544	0.5599	0.6141	0.6141
2.66	0.4651	0.5725	0.4651	0.5725	0.6141	0.6141
3.16	0.4708	0.5793	0.4708	0.5793	0.6141	0.6141
3.66	0.4858	0.5968	0.4858	0.5968	0.6141	0.6141
4.66	0.4995	0.6129	0.4995	0.6129	0.6141	0.6141
6.67	0.5149	0.6309	0.5149	0.6309	0.6141	0.6141
8.66	0.5352	0.6544	0.5352	0.6544	0.6141	0.6141
10.66	0.5443	0.6649	0.5443	0.6649	0.6141	0.6141
12.67	0.5496	0.6710	0.5496	0.6710	0.6141	0.6141
14.67	0.5524	0.6742	0.5524	0.6742	0.6141	0.6141
16.67	0.5616	0.6848	0.5616	0.6848	0.6141	0.6141
18.66	0.5638	0.6875	0.5638	0.6875	0.6141	0.6141
20.67	0.5722	0.6978	0.5722	0.6978	0.6141	0.6141
25.66	0.5822	0.7083	0.5822	0.7083	0.6141	0.6141
30.66	0.5966	0.7248	0.5966	0.7248	0.6141	0.6141
35.66	0.6057	0.7350	0.6057	0.7350	0.6141	0.6141
40.66	0.6149	0.7455	0.6149	0.7455	0.6141	0.6141
45.66	0.6274	0.7596	0.6274	0.7596	0.6141	0.6141
50.67	0.6338	0.7658	0.6338	0.7658	0.6141	0.6141
55.67	0.6500	0.7848	0.6500	0.7848	0.6141	0.6141
60.66	0.6628	0.7989	0.6628	0.7989	0.6141	0.6141
70.67	0.6862	0.8248	0.6862	0.8248	0.6141	0.6141
80.66	0.7046	0.8450	0.7046	0.8450	0.6141	0.6141
90.75	0.7245	0.8665	0.7245	0.8665	0.6141	0.6141
100.65	0.7508	0.8949	0.7508	0.8949	0.6141	0.6141
101.43	0.7568	0.9005	0.7568	0.9005	0.6141	0.6141
111.43	0.7791	0.9250	0.7791	0.9250	0.6141	0.6141
121.44	0.7939	0.9406	0.7939	0.9406	0.6141	0.6141
131.43	0.8178	0.9649	0.8178	0.9649	0.6141	0.6141
141.43	0.8251	0.9733	0.8251	0.9733	0.6141	0.6141
151.44	0.8351	0.9836	0.8351	0.9836	0.6141	0.6141
161.43	0.8417	0.9925	0.8417	0.9925	0.6141	0.6141
171.44	0.8484	0.9973	0.8484	0.9973	0.6141	0.6141
181.43	0.8479	0.9968	0.8479	0.9968	0.6141	0.6141
191.52	0.8535	1.0025	0.8535	1.0025	0.6141	0.6141
201.42	0.8510	1.0000	0.8510	1.0000	0.6141	0.6141

M (NOMINAL) = 1.5

X= 2745 MM T0=292.6 K DEL 995=181.3 MM
RE/M= 3.25x10^6 (MEASURED P) ME=0.827 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6251	0.6251
0.66	0.3951	0.5015	0.3951	0.5015	0.6251	0.6251
0.86	0.4036	0.5120	0.4036	0.5120	0.6251	0.6251
1.06	0.4147	0.5256	0.4147	0.5256	0.6251	0.6251
1.26	0.4243	0.5375	0.4243	0.5375	0.6251	0.6251
1.46	0.4295	0.5437	0.4295	0.5437	0.6251	0.6251
1.66	0.4400	0.5565	0.4400	0.5565	0.6251	0.6251
2.16	0.4541	0.5739	0.4541	0.5739	0.6251	0.6251
2.66	0.4663	0.5888	0.4663	0.5888	0.6251	0.6251
3.16	0.4737	0.5946	0.4737	0.5946	0.6251	0.6251
3.66	0.4844	0.6101	0.4844	0.6101	0.6251	0.6251
4.16	0.4949	0.6229	0.4949	0.6229	0.6251	0.6251
4.66	0.5011	0.6307	0.5011	0.6307	0.6251	0.6251
5.66	0.5247	0.6588	0.5247	0.6588	0.6251	0.6251
8.66	0.5521	0.6875	0.5521	0.6875	0.6251	0.6251
10.66	0.5475	0.6889	0.5475	0.6889	0.6251	0.6251
12.66	0.5492	0.6876	0.5492	0.6876	0.6251	0.6251
14.67	0.5565	0.6962	0.5565	0.6962	0.6251	0.6251
16.67	0.5600	0.7004	0.5600	0.7004	0.6251	0.6251
18.67	0.5708	0.7128	0.5708	0.7128	0.6251	0.6251
20.66	0.5748	0.7177	0.5748	0.7177	0.6251	0.6251
25.66	0.5834	0.7277	0.5834	0.7277	0.6251	0.6251
30.67	0.5979	0.7447	0.5979	0.7447	0.6251	0.6251
35.67	0.6026	0.7501	0.6026	0.7501	0.6251	0.6251
40.67	0.6155	0.7651	0.6155	0.7651	0.6251	0.6251
45.67	0.6200	0.7707	0.6200	0.7707	0.6251	0.6251
50.66	0.6351	0.7876	0.6351	0.7876	0.6251	0.6251
55.67	0.6418	0.7954	0.6418	0.7954	0.6251	0.6251
60.66	0.6458	0.7999	0.6458	0.7999	0.6251	0.6251
70.66	0.6637	0.8191	0.6637	0.8191	0.6251	0.6251
80.66	0.6838	0.8421	0.6838	0.8421	0.6251	0.6251
90.65	0.6997	0.8689	0.6997	0.8689	0.6251	0.6251
100.65	0.7172	0.8884	0.7172	0.8884	0.6251	0.6251
101.43	0.7177	0.8910	0.7177	0.8910	0.6251	0.6251
111.43	0.7406	0.9189	0.7406	0.9189	0.6251	0.6251
121.43	0.7581	0.9403	0.7581	0.9403	0.6251	0.6251
131.44	0.7746	0.9612	0.7746	0.9612	0.6251	0.6251
141.44	0.7897	0.9804	0.7897	0.9804	0.6251	0.6251
151.43	0.8011	0.9954	0.8011	0.9954	0.6251	0.6251
161.43	0.8087	0.9985	0.8087	0.9985	0.6251	0.6251
171.43	0.8161	0.9864	0.8161	0.9864	0.6251	0.6251
181.43	0.8246	0.9974	0.8246	0.9974	0.6251	0.6251
191.42	0.8259	1.0017	0.8259	1.0017	0.6251	0.6251
201.42	0.8270	1.0000	0.8270	1.0000	0.6251	0.6251

M (NOMINAL) = 1.5

X= 2545 MM T0=292.6 K DEL 995=168.5 MM
RE/M= 3.25x10^6 ME=0.841 (MEASURED P) ME=0.841 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6275	0.6275
0.66	0.3937	0.5026	0.3937	0.5026	0.6275	0.6275
0.87	0.4089	0.5213	0.4089	0.5213	0.6275	0.6275
1.06	0.4134	0.5269	0.4134	0.5269	0.6275	0.6275
1.26	0.4237	0.5395	0.4237	0.5395	0.6275	0.6275
1.46	0.4308	0.5571	0.4308	0.5571	0.6275	0.6275
1.66	0.4475	0.5687	0.4475	0.5687	0.6275	0.6275
2.16	0.4579	0.5815	0.4579	0.5815	0.6275	0.6275
2.66	0.4651	0.5905	0.4651	0.5905	0.6275	0.6275
3.16	0.4774	0.6054	0.4774	0.6054	0.6275	0.6275
3.66	0.4906	0.6207	0.4906	0.6207	0.6275	0.6275
4.66	0.5011	0.6345	0.5011	0.6345	0.6275	0.6275
5.66	0.5251	0.6595	0.5251	0.6595	0.6275	0.6275
8.66	0.5451	0.6845	0.5451	0.6845	0.6275	0.6275
10.66	0.5486	0.6886	0.5486	0.6886	0.6275	0.6275
12.66	0.5547	0.6958	0.5547	0.6958	0.6275	0.6275
14.67	0.5624	0.7059	0.5624	0.7059	0.6275	0.6275
16.65	0.5708	0.7168	0.5708	0.7168	0.6275	0.6275
18.66	0.5743	0.7210	0.5743	0.7210	0.6275	0.6275
20.66	0.5749	0.7217	0.5749	0.7217	0.6275	0.6275
25.66	0.5841	0.7325	0.5841	0.7325	0.6275	0.6275
30.66	0.5957	0.7461	0.5957	0.7461	0.6275	0.6275
35.67	0.6056	0.7577	0.6056	0.7577	0.6275	0.6275
40.66	0.6196	0.7748	0.6196	0.7748	0.6275	0.6275
45.66	0.6266	0.7826	0.6266	0.7826	0.6275	0.6275
50.66	0.6283	0.7859	0.6283	0.7859	0.6275	0.6275
55.66	0.6385	0.7955	0.6385	0.7955	0.6275	0.6275
60.67	0.6428	0.8005	0.6428	0.8005	0.6275	0.6275
70.66	0.6643	0.8251	0.6643	0.8251	0.6275	0.6275
80.65	0.6794	0.8429	0.6794	0.8429	0.6275	0.6275
90.66	0.6975	0.8652	0.6975	0.8652	0.6275	0.6275
100.65	0.7154	0.8861	0.7154	0.8861	0.6275	0.6275
101.43	0.7155	0.8874	0.7155	0.8874	0.6275	0.6275
111.43	0.7414	0.9198	0.7414	0.9198	0.6275	0.6275
121.43	0.7551	0.9373	0.7551	0.9373	0.6275	0.6275
131.43	0.7653	0.9496	0.7653	0.9496	0.6275	0.6275
141.43	0.7791	0.9656	0.7791	0.9656	0.6275	0.6275
151.43	0.7896	0.9657	0.7896	0.9657	0.6275	0.6275
161.44	0.7981	0.9742	0.7981	0.9742	0.6275	0.6275
171.43	0.8065	0.9855	0.8065	0.9855	0.6275	0.6275
181.43	0.8155	0.9938	0.8155	0.9938	0.6275	0.6275
191.47	0.8192	0.9978	0.8192	0.9978	0.6275	0.6275
201.43	0.8220	1.0000	0.8220	1.0000	0.6275	0.6275

Table 2 (continued)

M (NOMINAL)= 1.5

X=-516 MM T0=295.2 K. DEL 995= 33.4 MM
RE/M= 6.45*10^6 (MEASURED P) ME=1.544 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2545	0.2545
0.69	0.7915	0.5872	0.7915	0.5872	0.2545	0.2545
0.90	0.8250	0.6118	0.8250	0.6118	0.2545	0.2545
1.09	0.8552	0.6287	0.8552	0.6287	0.2545	0.2545
1.31	0.8856	0.6481	0.8856	0.6481	0.2545	0.2545
1.49	0.9082	0.6572	0.9082	0.6572	0.2545	0.2545
1.69	0.9338	0.6695	0.9338	0.6695	0.2545	0.2545
2.19	0.9954	0.6915	0.9954	0.6915	0.2545	0.2545
2.70	0.9854	0.7097	0.9854	0.7097	0.2545	0.2545
3.19	1.0118	0.7251	1.0118	0.7251	0.2545	0.2545
3.69	1.0334	0.7383	1.0334	0.7383	0.2545	0.2545
4.75	1.0718	0.7687	1.0718	0.7687	0.2545	0.2545
6.71	1.1263	0.7917	1.1263	0.7917	0.2545	0.2545
8.70	1.1742	0.8182	1.1742	0.8182	0.2545	0.2545
10.70	1.2205	0.8432	1.2205	0.8432	0.2545	0.2545
12.73	1.2630	0.8666	1.2650	0.8666	0.2545	0.2545
14.70	1.3033	0.8862	1.3033	0.8862	0.2545	0.2545
16.69	1.3385	0.9039	1.3385	0.9039	0.2545	0.2545
18.72	1.3759	0.9223	1.3759	0.9223	0.2545	0.2545
20.72	1.4081	0.9378	1.4081	0.9378	0.2545	0.2545
23.20	1.4501	0.9576	1.4501	0.9576	0.2545	0.2545
25.69	1.4818	0.9722	1.4818	0.9722	0.2545	0.2545
28.19	1.5091	0.9845	1.5091	0.9845	0.2545	0.2545
30.71	1.5267	0.9924	1.5267	0.9924	0.2545	0.2545
33.19	1.5380	0.9974	1.5380	0.9974	0.2545	0.2545
35.72	1.5423	0.9993	1.5423	0.9993	0.2545	0.2545
38.20	1.5440	1.0000	1.5440	1.0000	0.2545	0.2545
40.72	1.5442	1.0001	1.5442	1.0001	0.2545	0.2545
45.71	1.5443	1.0001	1.5443	1.0001	0.2545	0.2545
50.73	1.5438	0.9999	1.5438	0.9999	0.2545	0.2545
102.11	1.5466	1.0011	1.5466	1.0011	0.2545	0.2545
112.12	1.5471	1.0013	1.5471	1.0013	0.2545	0.2545
122.14	1.5465	1.0011	1.5465	1.0011	0.2545	0.2545
132.13	1.5477	1.0016	1.5477	1.0016	0.2545	0.2545
142.14	1.5479	1.0017	1.5479	1.0017	0.2545	0.2545
152.15	1.5472	1.0014	1.5472	1.0014	0.2545	0.2545

M (NOMINAL)= 1.5

X=-120 MM T0=295.1 K. DEL 995= 34.7 MM
RE/M= 6.45*10^6 (MEASURED P) ME=1.532 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2585	0.2585
0.69	0.7688	0.5752	0.7686	0.5752	0.2585	0.2585
0.90	0.8031	0.5988	0.8031	0.5990	0.2585	0.2585
1.11	0.8345	0.6196	0.8345	0.6186	0.2585	0.2585
1.31	0.8650	0.6319	0.8650	0.6319	0.2585	0.2585
1.50	0.8735	0.6438	0.8735	0.6438	0.2585	0.2585
1.69	0.8927	0.6560	0.8927	0.6560	0.2585	0.2585
2.19	0.9289	0.6787	0.9289	0.6787	0.2585	0.2585
2.70	0.9592	0.6975	0.9592	0.6975	0.2585	0.2585
3.19	0.9851	0.7133	0.9851	0.7133	0.2585	0.2585
3.70	1.0070	0.7265	1.0070	0.7265	0.2585	0.2585
4.74	1.0441	0.7485	1.0441	0.7485	0.2585	0.2585
6.69	1.1009	0.7815	1.1009	0.7815	0.2585	0.2585
8.71	1.1501	0.8092	1.1501	0.8092	0.2585	0.2585
10.71	1.1923	0.8325	1.1923	0.8325	0.2585	0.2585
12.70	1.2328	0.8542	1.2328	0.8542	0.2585	0.2585
14.75	1.2748	0.8763	1.2748	0.8763	0.2585	0.2585
16.70	1.3083	0.8935	1.3083	0.8935	0.2585	0.2585
18.69	1.3445	0.9117	1.3445	0.9117	0.2585	0.2585
20.69	1.3770	0.9277	1.3770	0.9277	0.2585	0.2585
23.20	1.4173	0.9472	1.4173	0.9472	0.2585	0.2585
25.71	1.4582	0.9627	1.4582	0.9627	0.2585	0.2585
28.23	1.4833	0.9788	1.4833	0.9788	0.2585	0.2585
30.70	1.5055	0.9881	1.5055	0.9881	0.2585	0.2585
33.19	1.5211	0.9952	1.5211	0.9952	0.2585	0.2585
35.71	1.5299	0.9998	1.5299	0.9998	0.2585	0.2585
38.20	1.5311	0.9996	1.5311	0.9996	0.2585	0.2585
40.74	1.5320	1.0000	1.5320	1.0000	0.2585	0.2585
45.69	1.5338	1.0000	1.5338	1.0000	0.2585	0.2585
50.73	1.5338	1.0000	1.5338	1.0000	0.2585	0.2585
102.11	1.5312	0.9997	1.5312	0.9997	0.2585	0.2585
112.13	1.5299	0.9998	1.5299	0.9998	0.2585	0.2585
122.11	1.5322	1.0001	1.5322	1.0001	0.2585	0.2585
132.12	1.5331	1.0005	1.5331	1.0005	0.2585	0.2585
142.16	1.5312	0.9997	1.5312	0.9997	0.2585	0.2585
152.15	1.5354	1.0015	1.5354	1.0015	0.2585	0.2585

M (NOMINAL)= 1.5

X=-271 MM T0=294.8 K. DEL 995= 36.5 MM
RE/M= 6.47*10^6 (MEASURED P) ME=1.531 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2597	0.2632
0.69	0.7650	0.5730	0.7650	0.5730	0.2597	0.2631
0.90	0.8036	0.5987	0.8036	0.5987	0.2597	0.2631
1.10	0.8290	0.6153	0.8290	0.6153	0.2597	0.2631
1.30	0.8538	0.6314	0.8538	0.6314	0.2597	0.2631
1.49	0.8731	0.6438	0.8731	0.6438	0.2597	0.2630
1.72	0.8929	0.6564	0.8929	0.6564	0.2597	0.2630
2.19	0.9240	0.6760	0.9240	0.6760	0.2597	0.2629
2.70	0.9523	0.6935	0.9523	0.6935	0.2597	0.2629
3.20	0.9797	0.7103	0.9797	0.7103	0.2597	0.2628
3.69	1.0005	0.7229	1.0005	0.7229	0.2597	0.2628
4.77	1.0369	0.7447	1.0369	0.7447	0.2597	0.2627
6.70	1.0942	0.7780	1.0942	0.7798	0.2597	0.2625
8.69	1.1385	0.8030	1.1385	0.8030	0.2597	0.2623
10.86	1.1881	0.8305	1.1881	0.8305	0.2597	0.2621
12.73	1.2251	0.8505	1.2251	0.8505	0.2597	0.2620
14.73	1.2644	0.8713	1.2644	0.8713	0.2597	0.2618
16.70	1.2986	0.8889	1.2986	0.8889	0.2597	0.2617
18.70	1.3301	0.9069	1.3301	0.9069	0.2597	0.2615
20.70	1.3689	0.9242	1.3689	0.9242	0.2597	0.2614
23.25	1.4088	0.9436	1.4088	0.9436	0.2597	0.2611
25.69	1.4431	0.9598	1.4431	0.9598	0.2597	0.2609
28.21	1.4734	0.9739	1.4734	0.9739	0.2597	0.2607
30.70	1.4984	0.9853	1.4984	0.9853	0.2597	0.2605
33.19	1.5155	0.9931	1.5155	0.9931	0.2597	0.2603
35.69	1.5256	0.9976	1.5256	0.9976	0.2597	0.2602
38.22	1.5287	0.9990	1.5287	0.9990	0.2597	0.2601
40.70	1.5310	1.0000	1.5310	1.0000	0.2597	0.2598
45.72	1.5324	1.0006	1.5324	1.0006	0.2597	0.2597
50.72	1.5312	1.0001	1.5312	1.0001	0.2597	0.2597
55.71	1.5310	1.0003	1.5310	1.0003	0.2597	0.2597
102.11	1.5298	0.9991	1.5298	0.9991	0.2597	0.2597
112.25	1.5299	0.9995	1.5299	0.9995	0.2597	0.2597
122.12	1.5281	0.9987	1.5281	0.9987	0.2597	0.2597
132.12	1.5298	0.9995	1.5298	0.9995	0.2597	0.2597
142.12	1.5286	0.9989	1.5286	0.9989	0.2597	0.2597
152.14	1.5282	0.9988	1.5282	0.9988	0.2597	0.2597

M (NOMINAL)= 1.5

X=-222 MM T0=294.3 K. DEL 995= 36.6 MM
RE/M= 6.51*10^6 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2683	0.2791
0.69	0.7337	0.5586	0.7337	0.5586	0.2683	0.2784
0.91	0.7717	0.5845	0.7717	0.5845	0.2683	0.2782
1.11	0.8087	0.6041	0.8087	0.6041	0.2683	0.2780
1.30	0.8212	0.6177	0.8212	0.6177	0.2683	0.2778
1.52	0.8407	0.6306	0.8407	0.6306	0.2683	0.2776
1.70	0.8601	0.6433	0.8601	0.6433	0.2683	0.2774
2.21	0.8970	0.6671	0.8970	0.6671	0.2683	0.2769
2.69	0.9248	0.6848	0.9248	0.6848	0.2683	0.2764
3.19	0.9489	0.6999	0.9489	0.6999	0.2683	0.2760
3.69	0.9719	0.7142	0.9719	0.7142	0.2683	0.2757
4.69	1.0044	0.7341	1.0044	0.7341	0.2683	0.2751
6.69	1.0686	0.7679	1.0686	0.7679	0.2683	0.2738
8.73	1.1183	0.7968	1.1183	0.7968	0.2683	0.2725
10.69	1.1568	0.8228	1.1568	0.8228	0.2683	0.2712
12.69	1.1936	0.8437	1.1936	0.8437	0.2683	0.2700
14.69	1.2319	0.8646	1.2319	0.8646	0.2683	0.2689
16.69	1.2691	0.8844	1.2691	0.8844	0.2683	0.2678
18.69	1.3017	0.9014	1.3017	0.9014	0.2683	0.2670
20.70	1.3374	0.9197	1.3376	0.9125	0.2682	0.2662
23.20	1.3752	0.9387	1.3763	0.9317	0.2680	0.2657
25.70	1.4076	0.9545	1.4095	0.9478	0.2677	0.2651
28.20	1.4422	0.9712	1.4449	0.9647	0.2675	0.2645
30.72	1.4666	0.9827	1.4706	0.9767	0.2671	0.2642
33.20	1.4837	0.9906	1.4983	0.9858	0.2663	0.2640
35.73	1.4963	0.9965	1.5055	0.9928	0.2656	0.2639
38.20	1.4992	0.9978	1.5109	0.9952	0.2648	0.2637
40.70	1.5020	0.9991	1.5161	0.9976	0.2642	0.2638
45.73	1.5040	1.0000	1.5216	1.0000	0.2632	0.2632
50.72	1.5025	0.9993	1.5233	1.0008	0.2622	0.2622
55.73	1.5031	0.9996	1.5256	1.0018	0.2617	0.2617
102.11	1.5045	1.0002	1.5285	1.0031	0.2613	0.2613
112.11	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
122.12	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
132.14	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
142.12	1.5028	0.9994	1.5268	1.0023	0.2613	0.2613
152.14	1.5010	0.9986	1.5257	1.0019	0.2611	0.2611

Table 2 (continued)

M (NOMINAL)= 1.5

X=-199 MM T0=293.0 K DEL 99%= 37.0 MM
RE/M= 6.58*10^6 (MEASURED P) ME=1.527 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2814	0.3205
0.69	0.6779	0.5304	0.6779	0.5304	0.2814	0.3195
0.90	0.7188	0.5595	0.7188	0.5595	0.2814	0.3192
1.10	0.7466	0.5798	0.7466	0.5798	0.2814	0.3189
1.29	0.7661	0.5926	0.7661	0.5926	0.2814	0.3185
1.51	0.7903	0.6092	0.7903	0.6092	0.2814	0.3181
1.69	0.8076	0.6211	0.8076	0.6211	0.2814	0.3177
2.19	0.8458	0.6468	0.8458	0.6468	0.2814	0.3168
2.69	0.8807	0.6708	0.8807	0.6708	0.2814	0.3158
3.20	0.9038	0.6846	0.9038	0.6846	0.2814	0.3148
3.70	0.9217	0.6968	0.9217	0.6968	0.2814	0.3138
4.69	0.9540	0.7238	0.9540	0.7238	0.2814	0.3119
6.70	1.0231	0.7687	1.0231	0.7687	0.2814	0.3077
8.70	1.0677	0.7878	1.0677	0.7878	0.2814	0.3038
10.72	1.1149	0.8158	1.1149	0.8158	0.2814	0.2983
12.69	1.1532	0.8388	1.1532	0.8388	0.2814	0.2937
14.69	1.1888	0.8582	1.1888	0.8582	0.2814	0.2898
16.69	1.2265	0.8792	1.2265	0.8792	0.2814	0.2854
18.70	1.2687	0.8979	1.2687	0.8979	0.2814	0.2823
20.72	1.2981	0.9179	1.2998	0.8985	0.2811	0.2797
23.23	1.3313	0.9353	1.3352	0.9089	0.2801	0.2771
25.70	1.3665	0.9533	1.3735	0.9279	0.2791	0.2752
28.20	1.3988	0.9696	1.4090	0.9451	0.2781	0.2735
30.69	1.4229	0.9815	1.4379	0.9589	0.2766	0.2718
33.19	1.4408	0.9898	1.4640	0.9711	0.2739	0.2702
35.70	1.4516	0.9955	1.4848	0.9807	0.2711	0.2687
38.20	1.4585	0.9988	1.5010	0.9881	0.2684	0.2675
40.69	1.4611	1.0001	1.5115	0.9929	0.2661	0.2664
45.70	1.4607	0.9999	1.5197	0.9965	0.2636	0.2636
50.71	1.4610	1.0000	1.5274	1.0000	0.2614	0.2614
102.11	1.4606	0.9998	1.5278	0.9998	0.2614	0.2614
112.14	1.4611	1.0001	1.5276	1.0001	0.2614	0.2614
122.14	1.4617	1.0004	1.5282	1.0005	0.2614	0.2614
132.11	1.4610	1.0000	1.5274	1.0000	0.2614	0.2614
142.11	1.4604	0.9997	1.5268	0.9997	0.2614	0.2614
152.13	1.4592	0.9992	1.5256	0.9992	0.2614	0.2614

M (NOMINAL)= 1.5

X=-173 MM T0=293.4 K DEL 99%= 37.5 MM
RE/M= 6.51*10^6 (MEASURED P) ME=1.495 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3304	0.3682
0.69	0.4421	0.3889	0.4421	0.3889	0.3304	0.3597
0.90	0.4883	0.4190	0.4883	0.4190	0.3304	0.3596
1.09	0.5113	0.4378	0.5113	0.4378	0.3304	0.3594
1.29	0.5288	0.4520	0.5288	0.4520	0.3304	0.3593
1.50	0.5428	0.4633	0.5428	0.4633	0.3304	0.3591
1.69	0.6869	0.5144	0.6869	0.5144	0.3304	0.3590
2.20	0.6485	0.5470	0.6485	0.5470	0.3304	0.3587
2.70	0.6917	0.5803	0.6917	0.5803	0.3304	0.3583
3.21	0.7206	0.6024	0.7206	0.6024	0.3304	0.3578
3.69	0.7430	0.6192	0.7430	0.6192	0.3304	0.3574
4.70	0.7741	0.6424	0.7741	0.6424	0.3304	0.3564
6.69	0.8670	0.7099	0.8699	0.6522	0.3294	0.3547
8.72	0.9118	0.7415	0.9180	0.6832	0.3282	0.3525
10.70	0.9552	0.7715	0.9657	0.7133	0.3265	0.3502
12.70	1.0035	0.8041	1.0204	0.7469	0.3239	0.3477
14.70	1.0477	0.8332	1.0710	0.7771	0.3213	0.3452
16.71	1.0926	0.8618	1.1218	0.8067	0.3187	0.3425
18.69	1.1260	0.8832	1.1625	0.8298	0.3161	0.3396
20.71	1.1592	0.9038	1.2025	0.8521	0.3135	0.3367
23.22	1.2014	0.9295	1.2538	0.8794	0.3105	0.3322
25.71	1.2314	0.9474	1.2915	0.8997	0.3075	0.3276
28.22	1.2647	0.9668	1.3335	0.9215	0.3045	0.3218
30.70	1.2853	0.9787	1.3638	0.9368	0.3013	0.3155
33.19	1.3100	0.9972	1.4009	0.9590	0.2973	0.3088
35.74	1.3145	0.9952	1.4174	0.9632	0.2932	0.3007
38.22	1.3197	0.9981	1.4347	0.9715	0.2892	0.2931
40.70	1.3211	0.9998	1.4483	0.9788	0.2854	0.2864
45.71	1.3250	1.0011	1.4760	0.9911	0.2778	0.2778
50.72	1.3230	1.0000	1.4952	1.0000	0.2713	0.2713
55.70	1.3238	1.0004	1.4977	1.0012	0.2708	0.2708
102.11	1.3223	0.9996	1.4976	1.0011	0.2704	0.2704
112.12	1.3209	0.9988	1.4961	1.0004	0.2704	0.2704
122.13	1.3222	0.9996	1.4975	1.0010	0.2704	0.2704
132.12	1.3217	0.9993	1.4969	1.0008	0.2704	0.2704
142.12	1.3234	1.0002	1.4987	1.0016	0.2704	0.2704
152.14	1.3242	1.0007	1.4996	1.0020	0.2704	0.2704

M (NOMINAL)= 1.5

X=-148 MM T0=292.7 K DEL 99%= 36.7 MM
RE/M= 6.54*10^6 (MEASURED P) ME=1.288 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3719	0.3838
0.69	0.1794	0.1645	0.1794	0.1645	0.3719	0.3825
0.89	0.2341	0.2142	0.2341	0.2142	0.3719	0.3834
1.09	0.2682	0.2378	0.2682	0.2378	0.3719	0.3833
1.29	0.2923	0.2666	0.2923	0.2666	0.3719	0.3832
1.49	0.3139	0.2859	0.3139	0.2859	0.3719	0.3831
1.71	0.3348	0.3045	0.3348	0.3045	0.3719	0.3829
2.22	0.4442	0.4088	0.4442	0.4088	0.3719	0.3827
2.69	0.4643	0.4181	0.4643	0.4181	0.3719	0.3825
3.20	0.4564	0.4114	0.4564	0.4114	0.3719	0.3822
3.70	0.4812	0.4327	0.4812	0.4327	0.3719	0.3820
4.69	0.6210	0.5504	0.6210	0.5504	0.3719	0.3815
6.70	0.6934	0.6092	0.6934	0.6092	0.3719	0.3805
8.70	0.7397	0.6468	0.7397	0.6468	0.3719	0.3795
10.70	0.8159	0.7051	0.8165	0.6871	0.3717	0.3785
12.69	0.8531	0.7352	0.8552	0.7156	0.3711	0.3774
14.69	0.9222	0.7942	0.9256	0.7662	0.3705	0.3763
16.73	0.9539	0.8071	0.9587	0.7894	0.3699	0.3752
18.73	1.0065	0.8441	1.0123	0.8261	0.3693	0.3740
20.69	1.0494	0.8739	1.0571	0.8562	0.3685	0.3726
23.19	1.0828	0.8965	1.0938	0.8802	0.3670	0.3708
25.69	1.1329	0.9296	1.1473	0.9144	0.3655	0.3689
28.19	1.1685	0.9526	1.1863	0.9388	0.3640	0.3671
30.69	1.2029	0.9745	1.2249	0.9624	0.3622	0.3652
33.20	1.2268	0.9894	1.2546	0.9802	0.3597	0.3632
35.69	1.2314	0.9935	1.2671	0.9876	0.3572	0.3606
38.19	1.2515	1.0046	1.2912	1.0017	0.3547	0.3584
40.69	1.2440	1.0000	1.2883	1.0000	0.3528	0.3548
45.69	1.2332	0.9933	1.2797	0.9958	0.3518	0.3518
50.70	1.2248	0.9882	1.2774	0.9936	0.3492	0.3492
55.69	1.2358	0.9937	1.3168	1.0168	0.3372	0.3372
102.11	1.2231	0.9871	1.4928	1.1122	0.2719	0.2719
112.12	1.2238	0.9876	1.4936	1.1126	0.2719	0.2719
122.11	1.2237	0.9875	1.4934	1.1126	0.2719	0.2719
132.11	1.2246	0.9888	1.4944	1.1138	0.2719	0.2719
142.11	1.2240	0.9876	1.4937	1.1127	0.2719	0.2719
152.12	1.2253	0.9885	1.4952	1.1135	0.2719	0.2719

M (NOMINAL)= 1.5

X=-124 MM T0=297.2 K DEL 99%= 41.9 MM
RE/M= 6.68*10^6 (MEASURED P) ME=1.259 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3892	0.3997
0.10	0.0966	0.0891	0.0966	0.0891	0.3892	0.3996
0.20	0.1140	0.1050	0.1140	0.1050	0.3892	0.3996
0.40	0.1289	0.1187	0.1289	0.1187	0.3892	0.3994
0.60	0.1412	0.1301	0.1412	0.1301	0.3892	0.3993
0.80	0.1536	0.1414	0.1536	0.1414	0.3892	0.3992
1.00	0.1697	0.1562	0.1697	0.1562	0.3892	0.3991
1.50	0.2007	0.1845	0.2007	0.1845	0.3892	0.3988
2.00	0.2379	0.2183	0.2379	0.2183	0.3892	0.3984
2.50	0.2751	0.2519	0.2751	0.2519	0.3892	0.3983
3.00	0.3023	0.2764	0.3023	0.2764	0.3892	0.3983
4.00	0.3638	0.3386	0.3638	0.3386	0.3892	0.3981
6.00	0.4568	0.4122	0.4568	0.4122	0.3892	0.3978
8.00	0.5439	0.4877	0.5439	0.4877	0.3892	0.3975
10.00	0.6232	0.5519	0.6232	0.5519	0.3892	0.3971
12.00	0.7050	0.6204	0.7050	0.6204	0.3892	0.3968
14.00	0.7546	0.6597	0.7546	0.6597	0.3892	0.3961
16.00	0.8165	0.7077	0.8165	0.7077	0.3892	0.3953
18.00	0.8710	0.7489	0.8710	0.7489	0.3892	0.3945
20.00	0.9218	0.7864	0.9218	0.7864	0.3892	0.3937
25.00	1.0296	0.8629	1.0318	0.8542	0.3882	0.3918
30.00	1.1163	0.9216	1.1286	0.9135	0.3872	0.3898
35.00	1.1820	0.9642	1.1894	0.9568	0.3862	0.3875
40.00	1.2192	0.9877	1.2278	0.9813	0.3852	0.3849
45.00	1.2378	0.9992	1.2518	0.9959	0.3827	0.3821
50.00	1.2398	1.0000	1.2585	1.0000	0.3982	0.3802
55.69	1.2299	0.9944	1.2595	1.0006	0.3756	0.3756
60.77	1.2291	0.9939	1.2685	1.0068	0.3713	0.3713
70.70	1.2082	0.9758	1.2686	1.0061	0.3585	0.3585
80.82	1.1887	0.9605	1.3177	1.0351	0.3336	0.3336
90.70	1.1844	0.9657	1.3966	1.0888	0.3827	0.3827
102.11	1.1883	0.9683	1.4654	1.1175	0.2813	0.2813
112.12	1.1888	0.9688	1.4988	1.1386	0.2736	0.2736
122.11	1.1866	0.9672	1.4978	1.1342	0.2710	0.2710
132.16	1.1892	0.9688	1.5025	1.1371	0.2782	0.2782
142.12	1.2005	0.9759	1.5149	1.1435	0.2782	0.2782
152.25	1.1878	0.9679	1.5010	1.1363	0.2782	0.2782
162.19	1.1899	0.9693	1.5033	1.1375	0.2782	0.2782
172.12	1.1899	0.9693	1.5033	1.1375	0.2782	0.2782
182.24	1.1901	0.9694	1.5035	1.1376	0.2782	0.2782
192.12	1.1898	0.9692	1.5032	1.1375	0.2782	0.2782

Table 2 (continued)

M (NOMINAL)= 1.5

X=-101 MM T0=297.0 K DEL 995= 46.9 MM
RE/M= 6.60*10^6 (MEASURED P) ME=1.224 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4055	0.4089
0.10	0.0362	0.0341	0.0362	0.0341	0.4055	0.4089
0.20	0.0471	0.0443	0.0471	0.0443	0.4055	0.4089
0.40	0.0579	0.0545	0.0579	0.0545	0.4055	0.4089
0.60	0.0712	0.0670	0.0712	0.0670	0.4055	0.4089
0.80	0.0809	0.0761	0.0809	0.0761	0.4055	0.4089
1.00	0.0941	0.0886	0.0941	0.0886	0.4055	0.4089
1.50	0.1171	0.1101	0.1171	0.1101	0.4055	0.4089
2.00	0.1388	0.1304	0.1388	0.1304	0.4055	0.4089
2.50	0.1605	0.1508	0.1605	0.1508	0.4055	0.4088
3.00	0.1798	0.1688	0.1798	0.1688	0.4055	0.4088
4.00	0.2209	0.2070	0.2209	0.2070	0.4055	0.4088
6.00	0.3102	0.2893	0.3102	0.2893	0.4055	0.4088
8.00	0.3862	0.3583	0.3862	0.3583	0.4055	0.4087
10.00	0.4671	0.4305	0.4671	0.4305	0.4055	0.4087
12.00	0.5395	0.4938	0.5395	0.4938	0.4055	0.4085
14.00	0.6059	0.5506	0.6059	0.5506	0.4055	0.4083
16.00	0.6735	0.6072	0.6735	0.6072	0.4055	0.4082
18.00	0.7326	0.6555	0.7326	0.6555	0.4055	0.4080
20.00	0.7918	0.7027	0.7918	0.7027	0.4055	0.4078
25.00	0.9089	0.7927	0.9180	0.7853	0.4058	0.4061
30.00	1.0127	0.8685	1.0148	0.8689	0.4045	0.4041
35.00	1.0935	0.9249	1.0987	0.9187	0.4038	0.4028
40.00	1.1599	0.9694	1.1681	0.9646	0.4015	0.4015
45.00	1.1961	0.9930	1.2064	0.9892	0.4005	0.3999
50.00	1.2038	0.9992	1.2182	0.9966	0.3995	0.3984
55.00	1.2070	1.0000	1.2235	1.0000	0.3975	0.3975
60.74	1.2070	1.0000	1.2287	1.0032	0.3951	0.3951
70.75	1.2093	1.0015	1.2442	1.0129	0.3888	0.3888
80.92	1.2064	0.9996	1.2616	1.0237	0.3795	0.3795
90.69	1.2025	0.9971	1.2821	1.0362	0.3686	0.3686
102.11	1.1548	0.9661	1.2707	1.0293	0.3527	0.3527
112.24	1.1557	0.9666	1.3158	1.0565	0.3347	0.3347
122.19	1.1535	0.9645	1.3586	1.0817	0.3182	0.3182
132.11	1.1547	0.9660	1.3975	1.1041	0.3040	0.3040
142.14	1.1543	0.9657	1.4298	1.1222	0.2928	0.2928
152.15	1.1548	0.9661	1.4529	1.1351	0.2854	0.2854
162.16	1.1563	0.9670	1.4636	1.1442	0.2806	0.2806
172.17	1.1561	0.9656	1.4786	1.1491	0.2771	0.2771
182.74	1.1558	0.9667	1.4863	1.1532	0.2753	0.2753
192.11	1.1551	0.9662	1.4888	1.1541	0.2745	0.2745

M (NOMINAL)= 1.5

X=-76 MM T0=297.1 K DEL 995= 52.1 MM
RE/M= 6.78*10^6 (MEASURED P) ME=1.204 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4190	0.4231
0.20	0.0166	0.0158	0.0166	0.0158	0.4190	0.4230
0.40	0.0282	0.0192	0.0282	0.0192	0.4190	0.4230
0.60	0.0225	0.0215	0.0225	0.0215	0.4190	0.4229
0.80	0.0261	0.0249	0.0261	0.0249	0.4190	0.4229
1.00	0.0288	0.0294	0.0288	0.0294	0.4190	0.4228
1.50	0.0451	0.0438	0.0451	0.0438	0.4190	0.4227
2.00	0.0581	0.0554	0.0581	0.0554	0.4190	0.4225
2.50	0.0735	0.0701	0.0735	0.0701	0.4190	0.4224
3.00	0.0913	0.0871	0.0913	0.0871	0.4190	0.4223
4.00	0.1198	0.1142	0.1198	0.1142	0.4190	0.4220
6.00	0.1838	0.1749	0.1838	0.1749	0.4190	0.4214
8.00	0.2419	0.2296	0.2419	0.2296	0.4190	0.4208
10.00	0.3072	0.2904	0.3072	0.2904	0.4190	0.4203
12.00	0.3641	0.3438	0.3641	0.3438	0.4190	0.4198
14.00	0.4258	0.3992	0.4258	0.3992	0.4190	0.4194
16.00	0.4851	0.4524	0.4851	0.4524	0.4190	0.4190
18.00	0.5467	0.5069	0.5467	0.5069	0.4190	0.4186
20.00	0.6004	0.5603	0.6004	0.5603	0.4190	0.4182
25.00	0.7316	0.7042	0.7028	0.6978	0.4185	0.4171
30.00	0.8931	0.7916	0.8953	0.7948	0.4180	0.4157
35.00	1.0057	0.8754	1.0108	0.8689	0.4165	0.4143
40.00	1.0935	0.9376	1.1014	0.9321	0.4150	0.4131
45.00	1.1516	0.9771	1.1615	0.9723	0.4140	0.4120
50.00	1.1824	0.9977	1.1944	0.9938	0.4130	0.4111
55.00	1.1948	0.9992	1.1997	0.9973	0.4115	0.4104
60.00	1.1960	1.0000	1.2040	1.0000	0.4100	0.4100
70.70	1.1855	0.9997	1.2147	1.0069	0.4045	0.4045
80.72	1.1868	1.0000	1.2298	1.0165	0.3974	0.3974
90.85	1.1868	1.0000	1.2472	1.0275	0.3892	0.3892
100.64	1.1847	0.9991	1.2657	1.0391	0.3801	0.3801
102.11	1.1851	0.9994	1.2706	1.0421	0.3780	0.3780
112.20	1.1810	0.9967	1.2975	1.0587	0.3644	0.3644
122.14	1.1797	0.9959	1.3254	1.0756	0.3520	0.3520
132.15	1.1738	0.9919	1.3535	1.0923	0.3382	0.3382
142.11	1.1673	0.9876	1.3792	1.1074	0.3257	0.3257
147.11	1.1383	0.9627	1.3552	1.0933	0.3282	0.3282
152.27	1.1284	0.9615	1.3655	1.0994	0.3156	0.3156
162.15	1.1298	0.9619	1.3831	1.1096	0.3095	0.3095
172.12	1.1275	0.9609	1.3996	1.1191	0.3032	0.3032
182.14	1.1275	0.9609	1.4119	1.1262	0.2989	0.2989
192.27	1.1282	0.9614	1.4256	1.1339	0.2945	0.2945
202.06	1.1287	0.9617	1.4387	1.1368	0.2938	0.2938

M (NOMINAL)= 1.5

X=-52 MM T0=297.4 K DEL 995= 60.6 MM
RE/M= 6.73*10^6 (MEASURED P) ME=1.182 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4316	0.4540
0.20	0.0000	0.0000	0.0000	0.0000	0.4316	0.4539
0.40	0.0012	0.0011	0.0012	0.0011	0.4316	0.4538
0.60	0.0012	0.0011	0.0012	0.0011	0.4316	0.4536
0.80	0.0023	0.0022	0.0023	0.0022	0.4316	0.4535
1.00	0.0035	0.0034	0.0035	0.0034	0.4316	0.4534
1.50	0.0070	0.0068	0.0070	0.0068	0.4316	0.4531
2.00	0.0128	0.0124	0.0128	0.0124	0.4316	0.4528
2.50	0.0198	0.0192	0.0198	0.0192	0.4316	0.4525
3.00	0.0244	0.0237	0.0244	0.0237	0.4316	0.4522
4.00	0.0442	0.0428	0.0442	0.0428	0.4316	0.4516
6.00	0.0780	0.0755	0.0821	0.0785	0.4314	0.4503
8.00	0.1187	0.1148	0.1268	0.1212	0.4310	0.4491
10.00	0.1665	0.1608	0.1762	0.1688	0.4306	0.4479
12.00	0.2138	0.2054	0.2237	0.2138	0.4302	0.4469
14.00	0.2631	0.2530	0.2743	0.2605	0.4298	0.4459
16.00	0.3154	0.3025	0.3278	0.3096	0.4294	0.4448
18.00	0.3702	0.3537	0.3820	0.3602	0.4290	0.4438
20.00	0.4225	0.4021	0.4346	0.4081	0.4286	0.4428
25.00	0.5599	0.5260	0.5724	0.5385	0.4276	0.4402
30.00	0.6949	0.6427	0.7079	0.6457	0.4266	0.4380
35.00	0.8160	0.7424	0.8286	0.7433	0.4261	0.4357
40.00	0.9312	0.8326	0.9437	0.8318	0.4256	0.4335
45.00	1.0266	0.9036	1.0394	0.9018	0.4251	0.4314
50.00	1.1023	0.9576	1.1158	0.9552	0.4246	0.4293
55.00	1.1419	0.9858	1.1573	0.9833	0.4236	0.4274
60.00	1.1685	0.9976	1.1779	0.9976	0.4226	0.4257
65.00	1.1640	1.0000	1.1824	1.0000	0.4221	0.4240
70.82	1.1641	1.0001	1.1840	1.0010	0.4214	0.4214
80.73	1.1640	1.0000	1.1895	1.0047	0.4185	0.4185
90.71	1.1648	1.0005	1.1945	1.0080	0.4164	0.4164
100.63	1.1630	0.9993	1.1904	1.0105	0.4135	0.4135
102.11	1.1616	0.9983	1.1976	1.0100	0.4132	0.4132
112.13	1.1626	0.9991	1.2035	1.0139	0.4107	0.4107
122.13	1.1604	0.9976	1.2099	1.0180	0.4065	0.4065
132.11	1.1600	0.9973	1.2206	1.0258	0.4011	0.4011
142.12	1.1576	0.9957	1.2333	1.0332	0.3939	0.3939
152.26	1.1528	0.9924	1.2458	1.0412	0.3858	0.3858
162.15	1.1420	0.9858	1.2540	1.0464	0.3778	0.3778
172.24	1.1311	0.9912	1.2987	1.0634	0.3649	0.3649
182.15	1.1070	0.9608	1.2756	1.0608	0.3522	0.3522
192.13	1.1313	0.9777	1.3377	1.0983	0.3378	0.3378
202.05	1.1058	0.9688	1.3256	1.0970	0.3276	0.3276

M (NOMINAL)= 1.5

X=-27 MM T0=297.5 K DEL 995= 67.4 MM
RE/M= 6.66*10^6 (MEASURED P) ME=1.141 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4382	0.4652
0.20	-0.0023	-0.0022	-0.0023	-0.0022	0.4382	0.4652
0.40	-0.0046	-0.0045	-0.0046	-0.0045	0.4382	0.4651
0.60	-0.0081	-0.0079	-0.0081	-0.0079	0.4382	0.4651
0.80	-0.0092	-0.0090	-0.0092	-0.0090	0.4382	0.4650
1.00	-0.0115	-0.0112	-0.0115	-0.0112	0.4382	0.4650
1.50	-0.0104	-0.0101	-0.0104	-0.0101	0.4382	0.4648
2.00	-0.0104	-0.0101	-0.0104	-0.0101	0.4382	0.4647
2.50	-0.0092	-0.0090	-0.0092	-0.0090	0.4382	0.4646
3.00	-0.0012	-0.0011	-0.0012	-0.0011	0.4382	0.4645
4.00	0.0092	0.0090	0.0092	0.0090	0.4382	0.4643
6.00	0.0369	0.0360	0.0448	0.0441	0.4380	0.4638
8.00	0.0714	0.0697	0.0846	0.0826	0.4376	0.4633
10.00	0.1186	0.1079	0.1245	0.1223	0.4372	0.4628
12.00	0.1394	0.1358	0.1571	0.1542	0.4366	0.4624
14.00	0.1763	0.1716	0.1957	0.1919	0.4360	0.4618
16.00	0.2097	0.2038	0.2307	0.2258	0.4354	0.4613
18.00	0.2534	0.2459	0.2748	0.2684	0.4348	0.4608
20.00	0.2972	0.2877	0.3189	0.3107	0.4342	0.4602
25.00	0.4066	0.3907	0.4298	0.4146	0.4327	0.4589
30.00	0.5299	0.5025	0.5524	0.5278	0.4312	0.4775
35.00	0.6543	0.6132	0.6785	0.6398	0.4292	0.4760
40.00	0.7799	0.7191	0.8057	0.7459	0.4272	0.4743
45.00	0.8951	0.8115	0.9195	0.8369	0.4267	0.4727
50.00	0.9930	0.8862	1.0169	0.9109	0.4262	0.4709
55.00	1.0668	0.9402	1.0859	0.9613	0.4282	0.4690
60.00	1.1209	0.9785	1.1361	0.9967	0.4302	0.4672
65.00	1.1485	0.9976	1.1584	1.0067	0.4372	0.4649
70.80	1.1520	1.0000	1.1488	1.0000	0.4442	0.4615
80.70	1.1520	1.0005	1.1180	0.9784	0.4615	0.4615
90.78	1.1520	1.0000	1.0759	0.9541	0.4085	0.4085
100.63	1.1500	0.9992	1.0444	0.9312	0.4983	0.4983
102.11	1.1496	0.9983	1.0389	0.9272	0.5008	0.5008
112.14	1.1515	0.9997	1.0138	0.9088	0.5176	0.5176
122.11	1.1496	0.9983	0.9858	0.8877	0.5329	0.5329
132.11	1.1488	0.9978	0.9646	0.8716	0.5455	0.5455
142.13	1.1464	0.9961	0.9458	0.8566	0.5561	0.5561
152.11	1.1475	0.9969	0.9323	0.8468	0.5649	0.5649
162.11	1.1464	0.9961	0.9193	0.8367	0.5723	0.5723
172.11	1.1462	0.9960	0.9116	0.8307	0.5770	0.5770
182.12	1.1455	0.9956	0.9051	0.8257	0.5806	0.5806
192.12	1.1279	0.9804	0.8921	0.8075	0.5826	0.5826
202.05	1.1121	0.9863	0.8843	0.8093	0.5842	0.5842

Table 2 (continued)

M (NOMINAL)= 1 5

X= 22 MM T0=297 2 K DEL 995= 72 9 MM
RE/M= 6 58*10^6 (MEASURED P) ME=1 062 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4487	0 3418
0 20	-0 0181	-0 0179	-0 0181	-0 0179	0 4487	0 3422
0 40	-0 0249	-0 0247	-0 0249	-0 0247	0 4487	0 3425
0 60	-0 0408	-0 0404	-0 0408	-0 0404	0 4487	0 3429
0 80	-0 0518	-0 0504	-0 0518	-0 0504	0 4487	0 3433
1 00	-0 0646	-0 0639	-0 0646	-0 0639	0 4487	0 3437
1 50	-0 0771	-0 0762	-0 0771	-0 0762	0 4487	0 3446
2 00	-0 0839	-0 0829	-0 0839	-0 0829	0 4487	0 3455
2 50	-0 0851	-0 0840	-0 0851	-0 0840	0 4487	0 3464
3 00	-0 0839	-0 0829	-0 0839	-0 0829	0 4487	0 3473
4 00	-0 0760	-0 0751	-0 0760	-0 0751	0 4487	0 3492
6 00	-0 0578	-0 0572	-0 0578	-0 0572	0 4487	0 3529
8 00	-0 0261	-0 0258	-0 0261	-0 0258	0 4487	0 3566
10 00	0 0823	0 0822	0 0823	0 0822	0 4487	0 3603
12 00	0 0318	0 0314	0 0540	0 0563	0 4481	0 3640
14 00	0 0638	0 0650	0 0983	0 0941	0 4475	0 3676
16 00	0 0953	0 0941	0 1218	0 1268	0 4469	0 3714
18 00	0 1349	0 1332	0 1618	0 1674	0 4463	0 3750
20 00	0 1724	0 1699	0 1984	0 2061	0 4457	0 3787
25 00	0 2688	0 2638	0 2975	0 3075	0 4437	0 3880
30 00	0 3663	0 3574	0 3966	0 4072	0 4417	0 3972
35 00	0 4763	0 4686	0 5054	0 5141	0 4402	0 4064
40 00	0 5885	0 5628	0 6172	0 6203	0 4387	0 4157
45 00	0 7053	0 6651	0 7289	0 7226	0 4392	0 4249
50 00	0 8210	0 7620	0 8408	0 8286	0 4397	0 4341
55 00	0 9276	0 8472	0 9336	0 8984	0 4457	0 4434
60 00	1 0093	0 9096	1 0036	0 9547	0 4517	0 4526
65 00	1 0739	0 9572	1 0560	0 9918	0 4612	0 4618
70 00	1 1193	0 9896	1 0797	1 0138	0 4707	0 4710
75 00	1 1329	0 9992	1 0768	1 0116	0 4802	0 4803
80 00	1 1340	1 0000	1 0616	1 0000	0 4897	0 4895
90 79	1 1333	0 9995	1 0282	0 9741	0 5092	0 5092
100 65	1 1334	0 9996	0 9979	0 9582	0 5277	0 5277
102 11	1 1324	0 9989	0 9933	0 9465	0 5299	0 5299
112 13	1 1325	0 9998	0 9691	0 9272	0 5449	0 5449
122 12	1 1320	0 9986	0 9462	0 9086	0 5588	0 5588
132 15	1 1307	0 9977	0 9296	0 8951	0 5684	0 5684
142 12	1 1300	0 9972	0 9173	0 8849	0 5758	0 5758
152 12	1 1282	0 9959	0 9000	0 8773	0 5803	0 5803
162 13	1 1270	0 9951	0 9016	0 8719	0 5836	0 5836
172 11	1 1279	0 9957	0 8970	0 8680	0 5871	0 5871
182 11	1 1270	0 9951	0 8925	0 8643	0 5895	0 5895
192 21	1 1250	0 9937	0 8866	0 8593	0 5917	0 5917
202 07	1 1198	0 9900	0 8783	0 8524	0 5932	0 5932
207 50	1 1085	0 9820	0 8591	0 8362	0 5971	0 5971

M (NOMINAL)= 1 5

X= 71 MM T0=297 2 K DEL 995= 77 9 MM
RE/M= 6 57*10^6 (MEASURED P) ME=1 057 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4574	0 3517
0 20	-0 0181	-0 0181	-0 0181	-0 0181	0 4574	0 3520
0 40	-0 0212	-0 0212	-0 0212	-0 0212	0 4574	0 3523
0 60	-0 0291	-0 0291	-0 0291	-0 0291	0 4574	0 3526
0 80	-0 0380	-0 0380	-0 0380	-0 0380	0 4574	0 3530
1 00	-0 0458	-0 0458	-0 0458	-0 0458	0 4574	0 3533
1 50	-0 0581	-0 0581	-0 0581	-0 0581	0 4574	0 3541
2 00	-0 0648	-0 0648	-0 0648	-0 0648	0 4574	0 3548
2 50	-0 0682	-0 0682	-0 0682	-0 0682	0 4574	0 3556
3 00	-0 0693	-0 0693	-0 0693	-0 0693	0 4574	0 3564
4 00	-0 0682	-0 0682	-0 0682	-0 0682	0 4574	0 3580
6 00	-0 0637	-0 0637	-0 0637	-0 0637	0 4574	0 3611
8 00	-0 0470	-0 0469	-0 0470	-0 0469	0 4574	0 3642
10 00	-0 0313	-0 0313	-0 0313	-0 0313	0 4574	0 3673
12 00	-0 0101	-0 0101	0 0568	0 0594	0 4564	0 3705
14 00	0 0190	0 0190	0 0814	0 0851	0 4554	0 3736
16 00	0 0436	0 0436	0 1064	0 1112	0 4544	0 3767
18 00	0 0737	0 0737	0 1342	0 1402	0 4534	0 3799
20 00	0 1096	0 1094	0 1666	0 1739	0 4524	0 3830
25 00	0 1957	0 1949	0 2394	0 2491	0 4514	0 3908
30 00	0 2896	0 2872	0 3260	0 3376	0 4504	0 3986
35 00	0 3824	0 3769	0 4158	0 4270	0 4494	0 4064
40 00	0 4908	0 4794	0 5203	0 5304	0 4484	0 4143
45 00	0 6026	0 5819	0 6233	0 6284	0 4499	0 4221
50 00	0 7166	0 6825	0 7310	0 7272	0 4514	0 4299
55 00	0 8262	0 7750	0 8326	0 8166	0 4544	0 4377
60 00	0 9190	0 8500	0 9190	0 8500	0 4574	0 4455
65 00	1 0051	0 9168	0 9966	0 9526	0 4619	0 4534
70 00	1 0710	0 9668	1 0548	0 9984	0 4664	0 4612
75 00	1 1012	0 9879	1 0745	1 0136	0 4724	0 4698
80 00	1 1146	0 9976	1 0775	1 0159	0 4784	0 4768
85 00	1 1169	0 9992	1 0677	1 0083	0 4854	0 4846
90 00	1 1180	1 0000	1 0569	1 0000	0 4924	0 4924
100 64	1 1180	1 0000	1 0269	0 9767	0 5103	0 5103
102 11	1 1176	0 9997	1 0231	0 9736	0 5124	0 5124
112 14	1 1169	0 9992	1 0000	0 9560	0 5255	0 5255
122 15	1 1158	0 9978	0 9831	0 9418	0 5351	0 5351
132 13	1 1149	0 9978	0 9708	0 9319	0 5427	0 5427
142 13	1 1142	0 9973	0 9604	0 9235	0 5487	0 5487
152 13	1 1135	0 9968	0 9508	0 9157	0 5543	0 5543
162 12	1 1113	0 9952	0 9420	0 9085	0 5582	0 5582
172 12	1 1117	0 9955	0 9367	0 9041	0 5619	0 5619
182 11	1 1106	0 9947	0 9323	0 9006	0 5638	0 5638
192 11	1 1103	0 9945	0 9291	0 8979	0 5656	0 5656
202 06	1 1096	0 9940	0 9253	0 8948	0 5675	0 5675

M (NOMINAL)= 1 5

X= 120 MM T0=297 0 K DEL 995= 82 1 MM
RE/M= 6 59*10^6 (MEASURED P) ME=1 062 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4662	0 3700
0 20	-0 0077	-0 0078	-0 0077	-0 0078	0 4662	0 3703
0 40	-0 0165	-0 0167	-0 0165	-0 0167	0 4662	0 3705
0 60	-0 0209	-0 0212	-0 0209	-0 0212	0 4662	0 3708
0 80	-0 0242	-0 0245	-0 0242	-0 0245	0 4662	0 3711
1 00	-0 0275	-0 0279	-0 0275	-0 0279	0 4662	0 3713
1 50	-0 0408	-0 0412	-0 0408	-0 0412	0 4662	0 3720
2 00	-0 0452	-0 0457	-0 0452	-0 0457	0 4662	0 3727
2 50	-0 0463	-0 0468	-0 0463	-0 0468	0 4662	0 3733
3 00	-0 0463	-0 0468	-0 0463	-0 0468	0 4662	0 3740
4 00	-0 0474	-0 0479	-0 0474	-0 0479	0 4662	0 3753
6 00	-0 0452	-0 0457	-0 0452	-0 0457	0 4662	0 3779
8 00	-0 0287	-0 0290	-0 0287	-0 0290	0 4662	0 3806
10 00	-0 0132	-0 0134	-0 0132	-0 0134	0 4662	0 3832
12 00	0 0022	0 0022	0 0496	0 0517	0 4654	0 3859
14 00	0 0220	0 0223	0 0735	0 0766	0 4646	0 3885
16 00	0 0452	0 0457	0 0971	0 1011	0 4638	0 3912
18 00	0 0694	0 0702	0 1212	0 1261	0 4630	0 3938
20 00	0 0970	0 0998	0 1475	0 1534	0 4622	0 3965
25 00	0 1741	0 1756	0 2184	0 2184	0 4617	0 4031
30 00	0 2579	0 2591	0 2866	0 2963	0 4612	0 4097
35 00	0 3460	0 3459	0 3681	0 3786	0 4612	0 4163
40 00	0 4419	0 4386	0 4597	0 4693	0 4612	0 4229
45 00	0 5488	0 5392	0 5686	0 5668	0 4622	0 4295
50 00	0 6681	0 6485	0 6677	0 6669	0 4632	0 4362
55 00	0 7681	0 7349	0 7714	0 7682	0 4647	0 4428
60 00	0 8596	0 8117	0 8596	0 8117	0 4662	0 4494
65 00	0 9466	0 8819	0 9418	0 9048	0 4687	0 4568
70 00	1 0149	0 9358	1 0059	0 9562	0 4712	0 4626
75 00	1 0645	0 9724	1 0486	0 9896	0 4752	0 4692
80 00	1 0943	0 9944	1 0715	1 0072	0 4792	0 4758
85 00	1 1009	0 9992	1 0695	1 0057	0 4842	0 4824
90 00	1 1020	1 0000	1 0621	1 0000	0 4892	0 4891
100 65	1 1023	1 0002	1 0394	0 9825	0 5029	0 5029
102 11	1 1014	0 9996	1 0361	0 9799	0 5043	0 5043
112 11	1 1020	1 0000	1 0201	0 9674	0 5143	0 5143
122 16	1 1019	0 9999	1 0042	0 9549	0 5239	0 5239
132 12	1 0999	0 9985	0 9981	0 9437	0 5313	0 5313
142 11	1 0988	0 9971	0 9797	0 9353	0 5365	0 5365
152 17	1 0988	0 9971	0 9709	0 9283	0 5419	0 5419
162 14	1 0966	0 9961	0 9638	0 9235	0 5446	0 5446
172 21	1 0967	0 9961	0 9618	0 9218	0 5466	0 5466
182 12	1 0959	0 9956	0 9578	0 9177	0 5486	0 5486
192 11	1 0954	0 9952	0 9543	0 9149	0 5504	0 5504
202 07	1 0934	0 9937	0 9510	0 9122	0 5512	0 5512

M (NOMINAL)= 1 5

X= 167 MM T0=296 9 K DEL 995= 86 2 MM
RE/M= 6 58*10^6 (MEASURED P) ME=1 051 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4743	0 3881
0 20	-0 0033	-0 0031	-0 0033	-0 0031	0 4743	0 3883
0 40	-0 0141	-0 0145	-0 0141	-0 0145	0 4743	0 3886
0 60	-0 0196	-0 0200	-0 0196	-0 0200	0 4743	0 3888
0 80	-0 0218	-0 0222	-0 0218	-0 0222	0 4743	0 3890
1 00	-0 0250	-0 0256	-0 0250	-0 0256	0 4743	0 3892
1 50	-0 0359	-0 0367	-0 0359	-0 0367	0 4743	0 3898
2 00	-0 0424	-0 0434	-0 0424	-0 0434	0 4743	0 3904
2 50	-0 0435	-0 0445	-0 0435	-0 0445	0 4743	0 3909
3 00	-0 0446	-0 0456	-0 0446	-0 0456	0 4743	0 3915
4 00	-0 0446	-0 0456	-0 0446	-0 0456	0 4743	0 3926
6 00	-0 0359	-0 0367	-0 0359	-0 0367	0 4743	0 3949
8 00	-0 0305	-0 0311	-0 0305	-0 0311	0 4743	0 3972
10 00	0 0000	0 0000	0 0000	0 0000	0 4743	0 3994
12 00	0 0185	0 0189	0 0500	0 0509	0 4733	0 4017
14 00	0 0392	0 0400	0 0870	0 0914	0 4723	0 4040
16 00	0 0620	0 0634	0 1137	0 1194	0 4713	0 4062
18 00	0 0859	0 0878	0 1397	0 1466	0 4703	0 4085
20 00	0 1099	0 1122	0 1651	0 1731	0 4693	0 4107
25 00	0 1773	0 1807	0 2161	0 2261	0 4693	0 4164
30 00	0 2557	0 2596	0 2841	0 2963	0 4693	0 4221
35 00	0 3318	0 3355	0 3500	0 3635	0 4703	0 4277
40 00	0 4156	0 4177	0 4268	0 4407	0 4713	0 4334
45 00	0 5092	0 5075	0 5169	0 5294	0 4718	0 4390
50 00	0 6093	0 6089	0 6146	0 6230	0 4723	0 4447
55 00	0 7170	0 6979	0 7193	0 7198	0 4733	0 4504
60 00	0 8258	0 7918	0 8256	0 7918	0 4743	0 4560
65 00	0 9161	0 8665	0 9142	0 8895	0 4753	0 4617
70 00	0 9890	0 9245	0 9853	0 9479	0 4763	0 4673
75 00	1 0434	0 9665	1 0355	0 9877	0 4798	0 4738
80 00	1 0717	0 9878	1 0595	1 0065	0 4813	0 4786
85 00	1 0858	0 9984	1 0659	1 0115	0 4858	0 4843
90 00	1 0869	0 9992	1 0593	1 0064	0 4903	0 4900
95 00	1 0888	1 0000	1 0511	1 0000	0 4958	0 4956
100 62	1 0888	1 0000	1 0489	0 9920	0 5019	0 5019
102 11	1 0887	1 0005	1 0350	0 9905	0 5034	0 5034
112 11	1 0873	0 9995	1 0222	0 9773	0 5128	0 5128
122 11	1 0873	0 9995	1 0110	0 9684	0 5196	0 5196
132 12	1 0867	0 9990	1 0005	0 9600	0 5256	0 5256
142 12	1 0839	0 9969	0 9887	0 9506	0 5309	0 5309
152 13	1 0847	0 9976	0 9851	0 9477	0 5337	0 5337
162 11	1 0841	0 9971	0 9808	0 9442	0 5359	0 5359
172 12	1 0839	0 9969	0 9764	0 9407	0 5385	0 5385
182 12	1 0823	0 9958	0 9736	0 9384	0 5393	0 5393
192 12	1 0821	0 9956	0 9713	0 9382	0 5393	0 5393
202 04	1 0803	0 9942	0 9701	0 9357	0 5400	0 5400

M (NOMINAL)= 1 5

X= 218 MM T0=296 6 K DEL 995= 98 8 MM
RE/M= 6 59e+06 (MEASURED P) ME=1 042 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4832	0 4142
0 10	0 0150	0 0155	0 0150	0 0155	0 4832	0 4143
0 20	0 0204	0 0211	0 0204	0 0211	0 4832	0 4144
0 40	0 0258	0 0266	0 0258	0 0266	0 4832	0 4146
0 60	0 0322	0 0333	0 0322	0 0333	0 4832	0 4147
0 80	0 0397	0 0410	0 0397	0 0410	0 4832	0 4149
1 00	0 0440	0 0455	0 0440	0 0455	0 4832	0 4151
1 50	0 0516	0 0532	0 0516	0 0532	0 4832	0 4155
2 00	0 0580	0 0599	0 0580	0 0599	0 4832	0 4160
2 50	0 0623	0 0643	0 0623	0 0643	0 4832	0 4164
3 00	0 0634	0 0654	0 0634	0 0654	0 4832	0 4166
4 00	0 0635	0 0676	0 0635	0 0676	0 4832	0 4177
6 00	0 0677	0 0699	0 0677	0 0699	0 4832	0 4195
8 00	0 0730	0 0754	0 0730	0 0754	0 4832	0 4212
10 00	0 0838	0 0865	0 0838	0 0865	0 4832	0 4238
12 50	0 0881	0 0909	0 0881	0 0909	0 4832	0 4247
14 00	0 1052	0 1086	0 1052	0 1086	0 4832	0 4265
16 00	0 1138	0 1174	0 1138	0 1174	0 4832	0 4282
18 00	0 1289	0 1329	0 1289	0 1329	0 4832	0 4300
20 00	0 1402	0 1528	0 1402	0 1528	0 4832	0 4318
25 00	0 1987	0 2044	0 1987	0 2044	0 4832	0 4361
30 00	0 2621	0 2698	0 2621	0 2698	0 4832	0 4405
35 00	0 3372	0 3444	0 3372	0 3444	0 4832	0 4449
40 00	0 4124	0 4189	0 4124	0 4189	0 4832	0 4493
45 00	0 4951	0 4993	0 4951	0 4993	0 4832	0 453.
50 00	0 5832	0 5829	0 5832	0 5829	0 4832	0 4581
55 00	0 6809	0 6728	0 6809	0 6728	0 4832	0 4625
60 00	0 7765	0 7577	0 7765	0 7577	0 4832	0 4668
65 00	0 8667	0 8347	0 8667	0 8347	0 4832	0 4712
70 00	0 9473	0 9089	0 9473	0 9089	0 4832	0 4756
75 00	1 0106	0 9513	1 0089	0 9738	0 4842	0 4800
80 00	1 0547	0 9853	1 0512	1 0074	0 4852	0 4844
85 00	1 0788	0 9976	1 0614	1 0153	0 4887	0 4888
90 00	1 0719	0 9904	1 0565	1 0115	0 4922	0 4932
95 00	1 0729	0 9992	1 0491	1 0057	0 4972	0 4975
100 00	1 0740	1 0080	1 0418	1 0000	0 5022	0 5019
102 11	1 0740	1 0080	1 0398	0 9978	0 5039	0 5079
112 19	1 0721	0 9985	1 0240	0 9859	0 5117	0 5117
122 12	1 0715	0 9981	1 0124	0 9766	0 5185	0 5185
132 13	1 0707	0 9975	1 0024	0 9686	0 5241	0 5241
142 19	1 0707	0 9975	0 9957	0 9632	0 5281	0 5281
152 13	1 0687	0 9960	0 9879	0 9569	0 5316	0 5316
162 13	1 0694	0 9965	0 9857	0 9551	0 5334	0 5334
172 12	1 0687	0 9960	0 9834	0 9532	0 5344	0 5344
182 20	1 0668	0 9945	0 9801	0 9506	0 5352	0 5352
192 20	1 0695	0 9966	0 9829	0 9528	0 5352	0 5352
202 85	1 0654	0 9935	0 9786	0 9494	0 5352	0 5352

M (NOMINAL)= 1 5

X= 267 MM T0=296 2 K DEL 995= 92 0 MM
RE/M= 6 58e+06 (MEASURED P) ME=1 038 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 4917	0 4399
0 10	0 0625	0 0653	0 0625	0 0653	0 4917	0 4408
0 20	0 0667	0 0697	0 0667	0 0697	0 4917	0 4408
0 40	0 0752	0 0785	0 0752	0 0785	0 4917	0 4402
0 60	0 0826	0 0862	0 0826	0 0862	0 4917	0 4403
0 80	0 0847	0 0885	0 0847	0 0885	0 4917	0 4404
1 00	0 0868	0 0907	0 0868	0 0907	0 4917	0 4406
1 50	0 0879	0 0918	0 0879	0 0918	0 4917	0 4409
2 00	0 0898	0 0929	0 0898	0 0929	0 4917	6 4412
2 50	0 0908	0 0940	0 0908	0 0940	0 4917	0 4416
3 00	0 0911	0 0951	0 0911	0 0951	0 4917	0 4419
4 00	0 0932	0 0973	0 0932	0 0973	0 4917	0 4425
6 00	0 0995	0 1039	0 0995	0 1039	0 4917	0 4439
8 00	0 1038	0 1083	0 1038	0 1083	0 4917	0 4452
10 00	0 1070	0 1116	0 1070	0 1116	0 4917	0 4465
12 00	0 1123	0 1171	0 1123	0 1171	0 4917	0 4478
14 00	0 1239	0 1293	0 1239	0 1293	0 4917	0 4491
16 00	0 1345	0 1403	0 1345	0 1403	0 4917	0 4505
18 00	0 1493	0 1557	0 1493	0 1557	0 4917	0 4518
20 00	0 1684	0 1754	0 1684	0 1754	0 4917	0 4531
25 00	0 2192	0 2279	0 2192	0 2279	0 4917	0 4564
30 00	0 2828	0 2931	0 2828	0 2931	0 4917	0 4597
35 00	0 3569	0 3682	0 3569	0 3682	0 4917	0 4630
40 00	0 4308	0 4411	0 4308	0 4411	0 4917	0 4663
45 00	0 5094	0 5189	0 5094	0 5189	0 4917	0 4696
50 00	0 5952	0 6009	0 5952	0 6009	0 4917	0 4729
55 00	0 6841	0 6835	0 6841	0 6835	0 4917	0 4762
60 00	0 7762	0 7662	0 7762	0 7662	0 4917	0 4795
65 00	0 8618	0 8395	0 8618	0 8395	0 4917	0 4828
70 00	0 9372	0 9031	0 9372	0 9031	0 4917	0 4861
75 00	0 9933	0 9485	0 9916	0 9692	0 4927	0 4894
80 00	1 0241	0 9728	1 0206	0 9927	0 4937	0 4927
85 00	1 0442	0 9885	1 0348	1 0041	0 4972	0 4960
90 00	1 0548	0 9967	1 0396	1 0079	0 5007	0 4993
95 00	1 0569	0 9984	1 0375	1 0063	0 5032	0 5026
100 00	1 0579	0 9992	1 0344	1 0038	0 5057	0 5059
105 00	1 0598	1 0008	1 0437	1 0000	0 5092	0 5092
112 12	1 0599	1 0007	1 0228	0 9944	0 5140	0 5140
122 13	1 0575	0 9989	1 0104	0 9845	0 5208	0 5208
132 11	1 0551	0 9970	0 9991	0 9753	0 5253	0 5253
142 12	1 0573	0 9987	0 9965	0 9731	0 5283	0 5283
152 14	1 0549	0 9968	0 9898	0 9677	0 5309	0 5309
162 20	1 0524	0 9949	0 9852	0 9640	0 5321	0 5321
172 11	1 0531	0 9954	0 9834	0 9624	0 5337	0 5337
182 11	1 0536	0 9958	0 9839	0 9629	0 5337	0 5337
192 11	1 0509	0 9938	0 9812	0 9606	0 5337	0 5337
202 86	1 0503	0 9933	0 9805	0 9601	0 5337	0 5337

M (NOMINAL)= 1 5

X= 463 MM T0=295 3 K DEL 995=101 4 MM
RE/M= 6 55e+06 (MEASURED P) ME=1 005 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5213	0 4744
0 69	0 1587	0 1636	0 1587	0 1636	0 5213	0 4747
0 91	0 1489	0 1617	0 1489	0 1617	0 5213	0 4748
1 09	0 1525	0 1656	0 1525	0 1656	0 5213	0 4749
1 30	0 1643	0 1783	0 1643	0 1783	0 5213	0 4750
1 49	0 1681	0 1824	0 1681	0 1824	0 5213	0 4751
1 70	0 1775	0 1926	0 1775	0 1926	0 5213	0 4752
2 20	0 1705	0 1849	0 1705	0 1849	0 5213	0 4754
2 70	0 1664	0 1806	0 1664	0 1806	0 5213	0 4756
3 21	0 1696	0 1841	0 1696	0 1841	0 5213	0 4758
3 72	0 1793	0 1945	0 1793	0 1945	0 5213	0 4761
4 70	0 1935	0 2098	0 1935	0 2098	0 5213	0 4765
6 69	0 1996	0 2163	0 1996	0 2163	0 5213	0 4774
8 69	0 1949	0 2113	0 1949	0 2113	0 5213	0 4783
10 72	0 2097	0 2272	0 2097	0 2272	0 5213	0 4792
12 69	0 2240	0 2425	0 2240	0 2425	0 5213	0 4800
14 70	0 2397	0 2594	0 2397	0 2594	0 5213	0 4809
16 75	0 2528	0 2744	0 2528	0 2744	0 5213	0 4818
18 69	0 2683	0 2899	0 2683	0 2899	0 5213	0 4827
20 77	0 2823	0 3048	0 2823	0 3048	0 5213	0 4836
25 71	0 3140	0 3594	0 3140	0 3594	0 5213	0 4858
30 71	0 3699	0 3972	0 3699	0 3972	0 5213	0 4880
35 70	0 4232	0 4524	0 4232	0 4524	0 5213	0 4902
40 73	0 4838	0 5146	0 4838	0 5146	0 5213	0 4925
45 71	0 5383	0 5695	0 5383	0 5695	0 5213	0 4947
50 74	0 5942	0 6249	0 5942	0 6249	0 5213	0 4969
55 71	0 6747	0 7029	0 6747	0 7029	0 5213	0 4991
60 70	0 7289	0 7541	0 7289	0 7541	0 5213	0 5013
70 70	0 8433	0 8586	0 8433	0 8586	0 5213	0 5058
80 69	0 9468	0 9488	0 9468	0 9488	0 5213	0 5102
90 69	0 9914	0 9862	0 9914	0 9862	0 5213	0 5146
100 64	1 0038	0 9965	1 0035	0 9991	0 5214	0 5190
102 11	1 0061	0 9984	1 0054	1 0006	0 5217	0 5197
110 11	1 0000	1 0000	1 0047	1 0000	0 5233	0 5232
122 19	1 0001	1 0001	0 9964	0 9932	0 5284	0 5284
132 13	1 0073	0 9994	0 9886	0 9866	0 532?	0 5327
142 15	1 0068	0 9990	0 9848	0 9835	0 5347	0 5347
152 16	1 0053	0 9977	0 9804	0 9798	0 5365	0 5365
162 12	1 0032	0 9960	0 9766	0 9766	0 5375	0 5375
172 12	1 0025	0 9954	0 9758	0 9752	0 5381	0 5381
182 11	1 0041	0 9967	0 9782	0 9788	0 5371	0 5371
192 11	1 0010	0 9941	0 9768	0 9767	0 5361	0 5361
202 86	1 0018	0 9948	0 9788	0 9784	0 5353	0 5353

M (NOMINAL)= 1 5

X= 756 MM T0=294 5 K DEL 995=113 4 MM
RE/M= 6 46e+06 (MEASURED P) ME=0 953 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5546	0 5546
0 69	0 2646	0 2998	0 2646	0 2998	0 5546	0 5546
0 90	0 2589	0 2934	0 2589	0 2934	0 5546	0 5546
1 09	0 2658	0 3011	0 2658	0 3011	0 5546	0 5546
1 29	0 2752	0 3116	0 2752	0 3116	0 5546	0 5546
1 49	0 2985	0 3286	0 2985	0 3286	0 5546	0 5546
1 71	0 2959	0 3346	0 2959	0 3346	0 5546	0 5546
2 21	0 2941	0 3326	0 2941	0 3326	0 5546	0 5546
2 69	0 2931	0 3315	0 2931	0 3315	0 5546	0 5546
3 21	0 3112	0 3515	0 3112	0 3..5	0 5546	0 5546
3 69	0 3123	0 3528	0 3123	0 3528	0 5546	0 5546
4 71	0 3222	0 3638	0 3222	0 3638	0 5546	0 5546
6 69	0 3313	0 3738	0 3313	0 3738	0 5546	0 5546
8 75	0 3503	0 3948	0 3503	0 3948	0 5546	0 5546
10 71	0 3477	0 3918	0 3477	0 3918	0 5546	0 5546
12 70	0 3648	0 4097	0 3648	0 4097	0 5546	0 5546
14 70	0 3662	0 4122	0 3662	0 4122	0 5546	0 5546
16 70	0 3814	0 4288	0 3814	0 4288	0 5546	0 5546
18 69	0 3961	0 4448	0 3961	0 4448	0 5546	0 5546
20 74	0 4128	0 4621	0 4128	0 4621	0 5546	0 5546
25 73	0 4339	0 4859	0 4339	0 4859	0 5546	0 5546
30 69	0 4711	0 5258	0 4711	0 5258	0 5546	0 5546
35 74	0 5178	0 5746	0 5178	0 5746	0 5546	0 5546
40 69	0 5587	0 6188	0 5587	0 6188	0 5546	0 5546
45 71	0 5924	0 6532	0 5924	0 6532	0 5546	0 5546
50 70	0 6241	0 6857	0 6241	0 6857	0 5546	0 5546
55 70	0 6765	0 7386	0 6765	0 7386	0 5546	0 5546
60 71	0 7128	0 7747	0 7128	0 7747	0 5546	0 5546
70 71	0 7824	0 8424	0 7824	0 8424	0 5546	0 5546
80 69	0 8464	0 9029	0 8464	0 9029	0 5546	0 5546
90 70	0 9070	0 9587	0 9070	0 9587	0 5546	0 5546
100 65	0 9262	0 9761	0 9262	0 9761	0 5546	0 5546
112 13	0 9489	0 9964	0 9489	0 9964	0 5546	0 5546
122 16	0 9523	0 9994	0 9523	0 9994	0 5546	0 5546
132 11	0 9538	1 0008	0 9538	1 0008	0 5546	0 5546
142 11	0 9518	0 9989	0 9518	0 9989	0 5546	0 5546
152 12	0 9582	0 9975	0 9582	0 9975	0 5546	0 5546
162 13	0 9589	0 9981	0 9589	0 9981	0 5546	0 5546
172 13	0 9483	0 9958	0 9483	0 9958	0 5546	0 5546
182 11	0 9476	0 9952	0 9476	0 9952	0 5546	0 5546
192 12	0 9495	0 9969	0 9495	0 9969	0 5546	0 5546
202 87	0 9461	0 9939	0 9461	0 9939	0 5546	0 5546

M (NOMINAL)= 1.5

X= 1050 MM T0=291.2 K DEL 995=127.4 MM
RE/M= 6.38*10^6 (MEASURED P) ME=0.911 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5804	0.5804
0.69	0.3219	0.3776	0.3219	0.3776	0.5804	0.5804
0.89	0.3256	0.3934	0.3256	0.3934	0.5804	0.5804
1.30	0.3545	0.4158	0.3545	0.4158	0.5804	0.5804
1.49	0.3554	0.4168	0.3554	0.4168	0.5804	0.5804
1.69	0.3629	0.4245	0.3629	0.4245	0.5804	0.5804
2.20	0.3714	0.4343	0.3714	0.4343	0.5804	0.5804
3.19	0.3816	0.4459	0.3816	0.4459	0.5804	0.5804
3.69	0.3898	0.4552	0.3898	0.4552	0.5804	0.5804
4.72	0.4048	0.4721	0.4048	0.4721	0.5804	0.5804
6.72	0.4183	0.4704	0.4183	0.4704	0.5804	0.5804
10.72	0.4296	0.5001	0.4296	0.5001	0.5804	0.5804
12.70	0.4448	0.5171	0.4448	0.5171	0.5804	0.5804
14.71	0.4496	0.5224	0.4496	0.5224	0.5804	0.5804
18.69	0.4723	0.5477	0.4723	0.5477	0.5804	0.5804
20.71	0.4773	0.5532	0.4773	0.5532	0.5804	0.5804
25.71	0.4942	0.5720	0.4942	0.5720	0.5804	0.5804
40.71	0.5749	0.6680	0.5749	0.6680	0.5804	0.5804
45.70	0.6017	0.6987	0.6017	0.6987	0.5804	0.5804
50.71	0.6366	0.7257	0.6366	0.7257	0.5804	0.5804
60.72	0.6866	0.7780	0.6866	0.7780	0.5804	0.5804
70.70	0.7539	0.8467	0.7539	0.8467	0.5804	0.5804
90.71	0.8400	0.9321	0.8400	0.9321	0.5804	0.5804
100.62	0.8702	0.9612	0.8702	0.9612	0.5804	0.5804
112.14	0.8888	0.9782	0.8888	0.9782	0.5804	0.5804
122.13	0.9055	0.9948	0.9055	0.9948	0.5804	0.5804
142.13	0.9095	0.9986	0.9095	0.9986	0.5804	0.5804
147.12	0.9118	1.0000	0.9118	1.0000	0.5804	0.5804
152.13	0.9095	0.9986	0.9095	0.9986	0.5804	0.5804
162.14	0.9081	0.9972	0.9081	0.9972	0.5804	0.5804
172.12	0.9118	1.0000	0.9118	1.0000	0.5804	0.5804
192.13	0.9062	0.9954	0.9062	0.9954	0.5804	0.5804
202.04	0.9062	0.9954	0.9062	0.9954	0.5804	0.5804

M (NOMINAL)= 1.5

X= 1286 MM T0=295.4 K DEL 995=136.9 MM
RE/M= 6.26*10^6 (MEASURED P) ME=0.889 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5935	0.5935
0.66	0.3685	0.4388	0.3685	0.4388	0.5935	0.5935
0.86	0.3662	0.4374	0.3662	0.4374	0.5935	0.5935
1.86	0.3717	0.4438	0.3717	0.4438	0.5935	0.5935
1.27	0.3851	0.4594	0.3851	0.4594	0.5935	0.5935
1.47	0.3841	0.4583	0.3841	0.4583	0.5935	0.5935
1.70	0.3931	0.4687	0.3931	0.4687	0.5935	0.5935
2.17	0.3997	0.4763	0.3997	0.4763	0.5935	0.5935
2.70	0.4246	0.5049	0.4246	0.5049	0.5935	0.5935
3.20	0.4313	0.5126	0.4313	0.5126	0.5935	0.5935
3.85	0.4304	0.5116	0.4304	0.5116	0.5935	0.5935
4.67	0.4343	0.5160	0.4343	0.5160	0.5935	0.5935
6.70	0.4570	0.5420	0.4570	0.5420	0.5935	0.5935
8.71	0.4654	0.5515	0.4654	0.5515	0.5935	0.5935
10.76	0.4736	0.5606	0.4736	0.5606	0.5935	0.5935
12.71	0.4878	0.5769	0.4878	0.5769	0.5935	0.5935
14.71	0.4978	0.5881	0.4978	0.5881	0.5935	0.5935
16.66	0.4937	0.5835	0.4937	0.5835	0.5935	0.5935
18.67	0.5057	0.5970	0.5057	0.5970	0.5935	0.5935
20.66	0.5138	0.6053	0.5138	0.6053	0.5935	0.5935
25.65	0.5306	0.6250	0.5306	0.6250	0.5935	0.5935
30.67	0.5462	0.6423	0.5462	0.6423	0.5935	0.5935
35.66	0.5727	0.6716	0.5727	0.6716	0.5935	0.5935
40.65	0.5916	0.6923	0.5916	0.6923	0.5935	0.5935
45.67	0.6111	0.7136	0.6111	0.7136	0.5935	0.5935
50.67	0.6336	0.7379	0.6336	0.7379	0.5935	0.5935
55.66	0.6603	0.7666	0.6603	0.7666	0.5935	0.5935
60.66	0.6772	0.7845	0.6772	0.7845	0.5935	0.5935
70.67	0.7244	0.8342	0.7244	0.8342	0.5935	0.5935
80.66	0.7692	0.8804	0.7692	0.8804	0.5935	0.5935
90.65	0.7987	0.9165	0.7987	0.9165	0.5935	0.5935
101.43	0.8368	0.9487	0.8368	0.9487	0.5935	0.5935
111.53	0.8575	0.9692	0.8575	0.9692	0.5935	0.5935
121.43	0.8755	0.9868	0.8755	0.9868	0.5935	0.5935
131.44	0.8816	0.9928	0.8816	0.9928	0.5935	0.5935
141.42	0.8832	0.9944	0.8832	0.9944	0.5935	0.5935
151.44	0.8877	0.9987	0.8877	0.9987	0.5935	0.5935
161.43	0.8898	1.0000	0.8898	1.0000	0.5935	0.5935
171.44	0.8876	0.9986	0.8876	0.9986	0.5935	0.5935
181.43	0.8889	0.9999	0.8889	0.9999	0.5935	0.5935
191.42	0.8834	0.9945	0.8834	0.9945	0.5935	0.5935

M (NOMINAL)= 1.5

X= 1776 MM T0=297.3 K DEL 995=153.1 MM
RE/M= 6.00*10^6 (MEASURED P) ME=0.856 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6123	0.6123
0.66	0.4015	0.4944	0.4015	0.4944	0.6123	0.6123
0.86	0.4086	0.5027	0.4086	0.5027	0.6123	0.6123
1.07	0.4229	0.5197	0.4229	0.5197	0.6123	0.6123
1.27	0.4227	0.5195	0.4227	0.5195	0.6123	0.6123
1.46	0.4256	0.5148	0.4256	0.5148	0.6123	0.6123
1.66	0.4461	0.5473	0.4461	0.5473	0.6123	0.6123
2.17	0.4572	0.5603	0.4572	0.5603	0.6123	0.6123
2.67	0.4616	0.5654	0.4616	0.5654	0.6123	0.6123
3.17	0.4699	0.5755	0.4699	0.5755	0.6123	0.6123
3.66	0.4744	0.5805	0.4744	0.5805	0.6123	0.6123
4.67	0.4836	0.5913	0.4836	0.5913	0.6123	0.6123
6.66	0.5034	0.6143	0.5034	0.6143	0.6123	0.6123
8.67	0.5137	0.6262	0.5137	0.6262	0.6123	0.6123
10.70	0.5172	0.6303	0.5172	0.6303	0.6123	0.6123
12.67	0.5337	0.6494	0.5337	0.6494	0.6123	0.6123
14.66	0.5377	0.6540	0.5377	0.6540	0.6123	0.6123
16.71	0.5449	0.6623	0.5449	0.6623	0.6123	0.6123
18.71	0.5455	0.6629	0.5455	0.6629	0.6123	0.6123
20.67	0.5495	0.6675	0.5495	0.6675	0.6123	0.6123
25.67	0.5615	0.6812	0.5615	0.6812	0.6123	0.6123
30.67	0.5747	0.6963	0.5747	0.6963	0.6123	0.6123
35.70	0.5918	0.7157	0.5918	0.7157	0.6123	0.6123
40.70	0.6041	0.7295	0.6041	0.7295	0.6123	0.6123
45.66	0.6227	0.7503	0.6227	0.7503	0.6123	0.6123
50.80	0.6367	0.7660	0.6367	0.7660	0.6123	0.6123
55.70	0.6496	0.7803	0.6496	0.7803	0.6123	0.6123
60.76	0.6553	0.7866	0.6553	0.7866	0.6123	0.6123
70.75	0.6815	0.8154	0.6815	0.8154	0.6123	0.6123
80.67	0.7232	0.8608	0.7232	0.8608	0.6123	0.6123
90.67	0.7434	0.8825	0.7434	0.8825	0.6123	0.6123
101.43	0.7749	0.9159	0.7749	0.9159	0.6123	0.6123
111.47	0.8012	0.9435	0.8012	0.9435	0.6123	0.6123
121.44	0.8172	0.9601	0.8172	0.9601	0.6123	0.6123
131.44	0.8293	0.9726	0.8293	0.9726	0.6123	0.6123
141.47	0.8419	0.9856	0.8419	0.9856	0.6123	0.6123
151.57	0.8523	0.9962	0.8523	0.9962	0.6123	0.6123
161.53	0.8541	0.9981	0.8541	0.9981	0.6123	0.6123
171.52	0.8531	0.9970	0.8531	0.9970	0.6123	0.6123
181.44	0.8577	1.0017	0.8577	1.0017	0.6123	0.6123
191.44	0.8568	1.0000	0.8568	1.0000	0.6123	0.6123

M (NOMINAL)= 1.5

X= 2265 MM T0=298.2 K DEL 995=167.9 MM
RE/M= 5.93*10^6 (MEASURED P) ME=0.823 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6297	0.6297
0.66	0.3987	0.5083	0.3987	0.5083	0.6297	0.6297
0.86	0.4028	0.5132	0.4028	0.5132	0.6297	0.6297
1.07	0.4206	0.5351	0.4206	0.5351	0.6297	0.6297
1.27	0.4264	0.5423	0.4264	0.5423	0.6297	0.6297
1.56	0.4344	0.5521	0.4344	0.5521	0.6297	0.6297
1.66	0.4365	0.5547	0.4365	0.5547	0.6297	0.6297
2.17	0.4498	0.5708	0.4498	0.5708	0.6297	0.6297
2.67	0.4681	0.5932	0.4681	0.5932	0.6297	0.6297
3.16	0.4727	0.5988	0.4727	0.5988	0.6297	0.6297
3.67	0.4758	0.6015	0.4758	0.6015	0.6297	0.6297
4.66	0.4898	0.6185	0.4898	0.6185	0.6297	0.6297
6.70	0.5077	0.6410	0.5077	0.6410	0.6297	0.6297
8.70	0.5187	0.6543	0.5187	0.6543	0.6297	0.6297
10.66	0.5288	0.6663	0.5288	0.6663	0.6297	0.6297
12.70	0.5391	0.6785	0.5391	0.6785	0.6297	0.6297
14.67	0.5445	0.6850	0.5445	0.6850	0.6297	0.6297
16.67	0.5475	0.6885	0.5475	0.6885	0.6297	0.6297
18.71	0.5488	0.6900	0.5488	0.6900	0.6297	0.6297
20.81	0.5682	0.7036	0.5682	0.7036	0.6297	0.6297
25.67	0.5757	0.7218	0.5757	0.7218	0.6297	0.6297
30.66	0.5754	0.7214	0.5754	0.7214	0.6297	0.6297
35.67	0.5910	0.7398	0.5910	0.7398	0.6297	0.6297
40.66	0.5977	0.7477	0.5977	0.7477	0.6297	0.6297
45.66	0.6111	0.7632	0.6111	0.7632	0.6297	0.6297
50.71	0.6248	0.7782	0.6248	0.7782	0.6297	0.6297
55.74	0.6373	0.7936	0.6373	0.7936	0.6297	0.6297
60.71	0.6494	0.8075	0.6494	0.8075	0.6297	0.6297
70.67	0.6629	0.8229	0.6629	0.8229	0.6297	0.6297
80.75	0.6866	0.8498	0.6866	0.8498	0.6297	0.6297
90.71	0.7115	0.8778	0.7115	0.8778	0.6297	0.6297
101.43	0.7381	0.9075	0.7381	0.9075	0.6297	0.6297
111.43	0.7538	0.9248	0.7538	0.9248	0.6297	0.6297
121.58	0.7674	0.9398	0.7674	0.9398	0.6297	0.6297
131.43	0.7846	0.9579	0.7846	0.9579	0.6297	0.6297
141.43	0.8014	0.9767	0.8014	0.9767	0.6297	0.6297
151.48	0.8114	0.9875	0.8114	0.9875	0.6297	0.6297
161.48	0.8177	0.9944	0.8177	0.9944	0.6297	0.6297
171.44	0.8185	0.9951	0.8185	0.9951	0.6297	0.6297
181.52	0.8225	0.9995	0.8225	0.9995	0.6297	0.6297
191.48	0.8238	1.0000	0.8238	1.0000	0.6297	0.6297

Table 2 (continued)

M (NOMINAL)= 1.5

X= 2752 MM T0=298.7 K DEL.995=175.4 MM
RE/M= 5.77*10^6 (MEASURED P) ME=0.796 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6398	0.6398
0.66	0.3908	0.5133	0.3908	0.5133	0.6398	0.6398
0.86	0.3984	0.5238	0.3984	0.5238	0.6398	0.6398
1.06	0.4122	0.5405	0.4122	0.5405	0.6398	0.6398
1.27	0.4286	0.5613	0.4286	0.5613	0.6398	0.6398
1.47	0.4226	0.5537	0.4226	0.5537	0.6398	0.6398
1.65	0.4428	0.5792	0.4428	0.5792	0.6398	0.6398
2.16	0.4533	0.5925	0.4533	0.5925	0.6398	0.6398
2.65	0.4661	0.6084	0.4661	0.6084	0.6398	0.6398
3.16	0.4717	0.6155	0.4717	0.6155	0.6398	0.6398
3.66	0.4787	0.6242	0.4787	0.6242	0.6398	0.6398
4.66	0.4979	0.6481	0.4979	0.6481	0.6398	0.6398
6.65	0.5177	0.6726	0.5177	0.6726	0.6398	0.6398
8.66	0.5250	0.6815	0.5250	0.6815	0.6398	0.6398
10.66	0.5332	0.6917	0.5332	0.6917	0.6398	0.6398
12.66	0.5445	0.7054	0.54	0.7054	0.6398	0.6398
14.66	0.5466	0.7081	0.5466	0.7081	0.6398	0.6398
16.67	0.5512	0.7136	0.5512	0.7136	0.6398	0.6398
18.66	0.5606	0.7251	0.5606	0.7251	0.6398	0.6398
20.65	0.5601	0.7245	0.5601	0.7245	0.6398	0.6398
25.65	0.5777	0.7459	0.5777	0.7459	0.6398	0.6398
30.67	0.5843	0.7538	0.5843	0.7538	0.6398	0.6398
35.67	0.5900	0.7617	0.5900	0.7617	0.6398	0.6398
40.66	0.6043	0.7788	0.6043	0.7788	0.6398	0.6398
45.66	0.6112	0.7862	0.6112	0.7862	0.6398	0.6398
50.67	0.6167	0.7928	0.6167	0.7928	0.6398	0.6398
55.67	0.6220	0.7991	0.6220	0.7991	0.6398	0.6398
60.67	0.6353	0.8149	0.6353	0.8149	0.6398	0.6398
70.67	0.6516	0.8342	0.6516	0.8342	0.6398	0.6398
80.67	0.6643	0.8492	0.6643	0.8492	0.6398	0.6398
90.66	0.6846	0.8729	0.6846	0.8729	0.6398	0.6398
101.43	0.7070	0.8989	0.7070	0.8989	0.6398	0.6398
111.43	0.7255	0.9202	0.7255	0.9202	0.6398	0.6398
121.42	0.7399	0.9367	0.7399	0.9367	0.6398	0.6398
131.44	0.7552	0.9541	0.7552	0.9541	0.6398	0.6398
141.43	0.7679	0.9685	0.7679	0.9685	0.6398	0.6398
151.44	0.7863	0.9891	0.7863	0.9891	0.6398	0.6398
161.44	0.7879	0.9909	0.7879	0.9909	0.6398	0.6398
171.44	0.7921	0.9956	0.7921	0.9956	0.6398	0.6398
181.44	0.7948	0.9987	0.7948	0.9987	0.6398	0.6398
191.43	0.7960	1.0000	0.7960	1.0000	0.6398	0.6398

M (NOMINAL)= 1.5

X= 2950 MM T0=299.5 K DEL.995=181.5 MM
RE/M= 5.69*10^6 (MEASURED P) ME=0.788 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6432	0.6432
0.66	0.3949	0.5232	0.3949	0.5232	0.6432	0.6432
0.86	0.4050	0.5362	0.4050	0.5362	0.6432	0.6432
1.06	0.4194	0.5546	0.4194	0.5546	0.6432	0.6432
1.25	0.4269	0.5642	0.4269	0.5642	0.6432	0.6432
1.46	0.4347	0.5742	0.4347	0.5742	0.6432	0.6432
1.66	0.4395	0.5802	0.4395	0.5802	0.6432	0.6432
2.17	0.4492	0.5926	0.4492	0.5926	0.6432	0.6432
2.65	0.4635	0.6182	0.4635	0.6182	0.6432	0.6432
3.17	0.4740	0.6239	0.4740	0.6239	0.6432	0.6432
3.65	0.4832	0.6355	0.4832	0.6355	0.6432	0.6432
4.66	0.4911	0.6454	0.4911	0.6454	0.6432	0.6432
6.67	0.5113	0.6706	0.5113	0.6706	0.6432	0.6432
8.66	0.5232	0.6855	0.5232	0.6855	0.6432	0.6432
10.66	0.5370	0.7026	0.5370	0.7026	0.6432	0.6432
12.66	0.5471	0.7158	0.5471	0.7158	0.6432	0.6432
14.67	0.5516	0.7206	0.5516	0.7206	0.6432	0.6432
16.66	0.5547	0.7244	0.5547	0.7244	0.6432	0.6432
18.67	0.5625	0.7340	0.5625	0.7340	0.6432	0.6432
20.65	0.5648	0.7369	0.5648	0.7369	0.6432	0.6432
25.66	0.5785	0.7536	0.5785	0.7536	0.6432	0.6432
30.67	0.5842	0.7606	0.5842	0.7606	0.6432	0.6432
35.67	0.5934	0.7717	0.5934	0.7717	0.6432	0.6432
40.67	0.6085	0.7903	0.6085	0.7903	0.6432	0.6432
45.66	0.6026	0.7829	0.6026	0.7829	0.6432	0.6432
50.66	0.6150	0.7978	0.6150	0.7978	0.6432	0.6432
55.66	0.6198	0.8036	0.6198	0.8036	0.6432	0.6432
60.67	0.6299	0.8158	0.6299	0.8158	0.6432	0.6432
70.67	0.6452	0.8341	0.6452	0.8341	0.6432	0.6432
80.67	0.6645	0.8571	0.6645	0.8571	0.6432	0.6432
90.66	0.6813	0.8769	0.6813	0.8769	0.6432	0.6432
101.43	0.7000	0.8988	0.7000	0.8988	0.6432	0.6432
111.43	0.7187	0.9207	0.7187	0.9207	0.6432	0.6432
121.42	0.7273	0.9306	0.7273	0.9306	0.6432	0.6432
131.44	0.7398	0.9458	0.7398	0.9458	0.6432	0.6432
141.44	0.7563	0.9648	0.7563	0.9648	0.6432	0.6432
151.43	0.7657	0.9747	0.7657	0.9747	0.6432	0.6432
161.44	0.7751	0.9854	0.7751	0.9854	0.6432	0.6432
171.44	0.7814	0.9925	0.7814	0.9925	0.6432	0.6432
181.44	0.7848	0.9963	0.7848	0.9963	0.6432	0.6432
191.43	0.7888	1.0000	0.7888	1.0000	0.6432	0.6432

Table 2 (Continued)

M (NOMINAL)= 1.5

X=-756 MM T0=296.0 K DEL 995= 38.6 MM
RE/M= 9.92*10^6 (MEASURED P) ME=1.536 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2582	0.2582
0.69	0.8122	0.6830	0.8122	0.6830	0.2582	0.2582
0.89	0.8477	0.6261	0.8477	0.6261	0.2582	0.2582
1.09	0.8774	0.6451	0.8774	0.6451	0.2582	0.2582
1.29	0.9039	0.6619	0.9039	0.6619	0.2582	0.2582
1.49	0.9231	0.6740	0.9231	0.6740	0.2582	0.2582
1.69	0.9433	0.6864	0.9433	0.6864	0.2582	0.2582
2.19	0.9789	0.7083	0.9789	0.7083	0.2582	0.2582
2.69	1.0045	0.7238	1.0045	0.7238	0.2582	0.2582
3.19	1.0239	0.7412	1.0239	0.7412	0.2582	0.2582
3.69	1.0522	0.7520	1.0522	0.7520	0.2582	0.2582
4.70	1.0987	0.7743	1.0987	0.7743	0.2582	0.2582
6.69	1.1522	0.8089	1.1522	0.8089	0.2582	0.2582
8.69	1.2016	0.8360	1.2016	0.8360	0.2582	0.2582
10.69	1.2400	0.8687	1.2400	0.8687	0.2582	0.2582
12.69	1.2927	0.8829	1.2927	0.8829	0.2582	0.2582
14.70	1.3313	0.9035	1.3313	0.9035	0.2582	0.2582
16.69	1.3712	0.9233	1.3712	0.9233	0.2582	0.2582
18.72	1.4081	0.9411	1.4081	0.9411	0.2582	0.2582
20.71	1.4397	0.9561	1.4397	0.9561	0.2582	0.2582
23.19	1.4729	0.9715	1.4729	0.9715	0.2582	0.2582
25.70	1.5057	0.9865	1.5057	0.9865	0.2582	0.2582
28.21	1.5223	0.9939	1.5223	0.9939	0.2582	0.2582
30.70	1.5319	0.9982	1.5319	0.9982	0.2582	0.2582
33.21	1.5368	1.0003	1.5368	1.0003	0.2582	0.2582
35.70	1.5368	1.0000	1.5368	1.0000	0.2582	0.2582
38.21	1.5368	1.0000	1.5368	1.0000	0.2582	0.2582
40.69	1.5382	1.0010	1.5382	1.0010	0.2582	0.2582
45.69	1.5366	1.0003	1.5366	1.0003	0.2582	0.2582
50.69	1.5358	0.9999	1.5358	0.9999	0.2582	0.2582
102.11	1.5343	0.9993	1.5343	0.9993	0.2582	0.2582
112.11	1.5345	0.9993	1.5345	0.9993	0.2582	0.2582
122.13	1.5346	0.9994	1.5346	0.9994	0.2582	0.2582
132.12	1.5348	0.9991	[illegible]	0.9991	0.2582	0.2582
142.11	1.5351	0.9996		0.9996	0.2582	0.2582
152.11	1.5348	0.9991	1	0.9991	0.2582	0.2582

M (NOMINAL)= 1.5

X=-658 MM T0=295.9 K DEL 995= 32.3 MM
RE/M= 9.92*10^6 (MEASURED P) ME=1.544 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2551	0.2551
0.69	0.8185	0.6849	0.8185	0.6849	0.2551	0.2551
0.98	0.8333	0.6146	0.8333	0.6146	0.2551	0.2551
1.09	0.8674	0.6365	0.8674	0.6365	0.2551	0.2551
1.29	0.8951	0.6540	0.8951	0.6540	0.2551	0.2551
1.50	0.9195	0.6693	0.9195	0.6693	0.2551	0.2551
1.70	0.9388	0.6808	0.9388	0.6808	0.2551	0.2551
2.19	0.9778	0.7047	0.9778	0.7047	0.2551	0.2551
2.69	1.0085	0.7236	1.0085	0.7236	0.2551	0.2551
3.19	1.0386	0.7367	1.0386	0.7367	0.2551	0.2551
3.70	1.0544	0.7586	1.0544	0.7586	0.2551	0.2551
4.71	1.0910	0.7717	1.0910	0.7717	0.2551	0.2551
6.70	1.1500	0.8049	1.1500	0.8049	0.2551	0.2551
8.69	1.1995	0.8320	1.1995	0.8320	0.2551	0.2551
10.70	1.2466	0.8570	1.2466	0.8570	0.2551	0.2551
12.69	1.2858	0.8773	1.2858	0.8773	0.2551	0.2551
14.69	1.3278	0.8966	1.3278	0.8966	0.2551	0.2551
16.69	1.3649	0.9169	1.3649	0.9169	0.2551	0.2551
18.69	1.4024	0.9351	1.4024	0.9351	0.2551	0.2551
20.69	1.4327	0.9494	1.4327	0.9494	0.2551	0.2551
23.19	1.4698	0.9663	1.4698	0.9663	0.2551	0.2551
25.69	1.5018	0.9813	1.5018	0.9813	0.2551	0.2551
28.20	1.5253	0.9918	1.5253	0.9918	0.2551	0.2551
30.69	1.5346	0.9959	1.5346	0.9959	0.2551	0.2551
33.20	1.5414	0.9988	1.5414	0.9988	0.2551	0.2551
35.69	1.5438	0.9999	1.5438	0.9999	0.2551	0.2551
38.20	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551
40.70	1.5452	1.0005	1.5452	1.0005	0.2551	0.2551
45.69	1.5442	1.0001	1.5442	1.0001	0.2551	0.2551
50.70	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551
102.11	1.5463	1.0010	1.5463	1.0010	0.2551	0.2551
112.12	1.5465	1.0011	1.5465	1.0011	0.2551	0.2551
122.11	1.5466	1.0011	1.5466	1.0011	0.2551	0.2551
132.11	1.5437	0.9999	1.5437	0.9999	0.2551	0.2551
142.12	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551
152.12	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551

M (NOMINAL)= 1.5

X=-562 MM T0=295.7 K DEL 995= 32.3 MM
RE/M= 9.90*10^6 (MEASURED P) ME=1.548 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2535	0.2535
0.69	0.8155	0.6819	0.8155	0.6819	0.2535	0.2535
0.89	0.8215	0.6859	0.8215	0.6859	0.2535	0.2535
1.10	0.8635	0.6329	0.8635	0.6329	0.2535	0.2535
1.29	0.8984	0.6499	0.8984	0.6499	0.2535	0.2535
1.49	0.9125	0.6638	0.9125	0.6638	0.2535	0.2535
1.70	0.9345	0.6775	0.9345	0.6775	0.2535	0.2535
2.20	0.9762	0.7029	0.9762	0.7029	0.2535	0.2535
2.70	1.0048	0.7201	1.0048	0.7201	0.2535	0.2535
3.20	1.0324	0.7364	1.0324	0.7364	0.2535	0.2535
3.71	1.0529	0.7485	1.0529	0.7485	0.2535	0.2535
4.70	1.0889	0.7692	1.0889	0.7692	0.2535	0.2535
6.69	1.1491	0.8038	1.1491	0.8038	0.2535	0.2535
8.69	1.1937	0.8273	1.1937	0.8273	0.2535	0.2535
10.69	1.2417	0.8529	1.2417	0.8529	0.2535	0.2535
12.69	1.2783	0.8719	1.2783	0.8719	0.2535	0.2535
14.70	1.3238	0.8958	1.3238	0.8958	0.2535	0.2535
16.70	1.3596	0.9127	1.3596	0.9127	0.2535	0.2535
18.71	1.3935	0.9292	1.3935	0.9292	0.2535	0.2535
20.69	1.4232	0.9433	1.4232	0.9433	0.2535	0.2535
22.70	1.4550	0.9582	1.4550	0.9582	0.2535	0.2535
25.69	1.4949	0.9764	1.4949	0.9764	0.2535	0.2535
28.20	1.5198	0.9876	1.5198	0.9876	0.2535	0.2535
30.70	1.5359	0.9947	1.5359	0.9947	0.2535	0.2535
33.19	1.5435	0.9988	1.5435	0.9988	0.2535	0.2535
35.70	1.5359	0.9947	1.5359	0.9947	0.2535	0.2535
38.19	1.5483	1.0001	1.5483	1.0001	0.2535	0.2535
40.69	1.5488	1.0000	1.5488	1.0000	0.2535	0.2535
45.71	1.5458	0.9991	1.5458	0.9991	0.2535	0.2535
50.70	1.5486	1.0003	1.5486	1.0003	0.2535	0.2535
102.11	1.5503	1.0010	1.5503	1.0010	0.2535	0.2535
112.11	1.5489	1.0004	1.5489	1.0004	0.2535	0.2535
122.11	1.5492	1.0005	1.5492	1.0005	0.2535	0.2535
132.12	1.5474	0.9997	1.5474	0.9997	0.2535	0.2535
142.11	1.5499	1.0008	1.5499	1.0008	0.2535	0.2535
152.12	1.5522	1.0018	1.5522	1.0018	0.2535	0.2535

M (NOMINAL)= 1.5

X=-466 MM T0=295.6 K DEL 995= 33.3 MM
RE/M= 9.91*10^6 (MEASURED P) ME=1.554 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2518	0.2518
0.69	0.8359	0.6136	0.8359	0.6136	0.2518	0.2518
0.89	0.8542	0.6253	0.8542	0.6253	0.2518	0.2518
1.09	0.8855	0.6451	0.8855	0.6451	0.2518	0.2518
1.29	0.9131	0.6625	0.9131	0.6625	0.2518	0.2518
1.49	0.9277	0.6715	0.9277	0.6715	0.2518	0.2518
1.70	0.9548	0.6881	0.9548	0.6881	0.2518	0.2518
2.19	0.9868	0.7075	0.9868	0.7075	0.2518	0.2518
2.69	1.0146	0.7240	1.0146	0.7240	0.2518	0.2518
3.19	1.0398	0.7394	1.0398	0.7394	0.2518	0.2518
3.69	1.0615	0.7515	1.0615	0.7515	0.2518	0.2518
4.70	1.0945	0.7704	1.0945	0.7704	0.2518	0.2518
6.70	1.1482	0.8004	1.1482	0.8004	0.2518	0.2518
8.70	1.1988	0.8275	1.1988	0.8275	0.2518	0.2518
10.75	1.2427	0.8512	1.2427	0.8512	0.2518	0.2518
12.69	1.2794	0.8702	1.2794	0.8702	0.2518	0.2518
14.70	1.3189	0.8902	1.3189	0.8902	0.2518	0.2518
16.69	1.3580	0.9096	1.3580	0.9096	0.2518	0.2518
18.69	1.3941	0.9271	1.3941	0.9271	0.2518	0.2518
20.69	1.4239	0.9412	1.4239	0.9412	0.2518	0.2518
23.19	1.4597	0.9578	1.4597	0.9578	0.2518	0.2518
25.69	1.4959	0.9743	1.4959	0.9743	0.2518	0.2518
28.27	1.5288	0.9851	1.5288	0.9851	0.2518	0.2518
30.70	1.5378	0.9929	1.5378	0.9929	0.2518	0.2518
33.19	1.5481	0.9974	1.5481	0.9974	0.2518	0.2518
35.69	1.5528	0.9991	1.5528	0.9991	0.2518	0.2518
38.23	1.5534	0.9997	1.5534	0.9997	0.2518	0.2518
40.69	1.5548	1.0000	1.5548	1.0000	0.2518	0.2518
45.70	1.5548	1.0003	1.5548	1.0003	0.2518	0.2518
50.71	1.5523	0.9993	1.5523	0.9993	0.2518	0.2518
102.11	1.5545	1.0002	1.5545	1.0002	0.2518	0.2518
112.17	1.5545	1.0002	1.5545	1.0002	0.2518	0.2518
122.11	1.5556	1.0007	1.5556	1.0007	0.2518	0.2518
132.12	1.5542	1.0001	1.5542	1.0001	0.2518	0.2518
142.11	1.5503	0.9984	1.5503	0.9984	0.2518	0.2518
152.13	1.5542	1.0001	1.5542	1.0001	0.2518	0.2518

M (NOMINAL)= 1 5

X=-370 MM T0=295 6 K DEL 995= 33 9 MM
RE/M= 9 88e+07 6 (MEASURED P) ME=1 542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 2552	0 2552
0 69	0 7994	0 5918	0 7994	0 5918	0 2552	0 2552
0 89	0 8188	0 6052	0 8188	0 6052	0 2552	0 2552
1 10	0 8529	0 6278	0 8529	0 6278	0 2552	0 2552
1 29	0 8786	0 6442	0 8786	0 6442	0 2552	0 2552
1 50	0 9019	0 6589	0 9019	0 6589	0 2552	0 2552
1 70	0 9186	0 6693	0 9186	0 6693	0 2552	0 2552
2 19	0 9591	0 6944	0 9591	0 6944	0 2552	0 2552
2 73	0 9920	0 7147	0 9920	0 7147	0 2552	0 2552
3 19	1 0160	0 7287	1 0160	0 7287	0 2552	0 2552
3 72	1 0376	0 7414	1 0376	0 7414	0 2552	0 2552
4 70	1 0731	0 7621	1 0731	0 7621	0 2552	0 2552
6 69	1 1286	0 7940	1 1286	0 7940	0 2552	0 2552
8 69	1 1782	0 8211	1 1782	0 8211	0 2552	0 2552
10 70	1 2177	0 8424	1 2177	0 8424	0 2552	0 2552
12 69	1 2488	0 8647	1 2488	0 8647	0 2552	0 2552
14 69	1 3082	0 8854	1 3082	0 8854	0 2552	0 2552
16 70	1 3388	0 9045	1 3388	0 9045	0 2552	0 2552
18 69	1 3787	0 9286	1 3787	0 9286	0 2552	0 2552
20 72	1 4081	0 9348	1 4081	0 9348	0 2552	0 2552
23 19	1 4395	0 9535	1 4395	0 9535	0 2552	0 2552
25 70	1 4723	0 9687	1 4723	0 9687	0 2552	0 2552
28 19	1 5010	0 9817	1 5010	0 9817	0 2552	0 2552
30 70	1 5216	0 9910	1 5216	0 9910	0 2552	0 2552
33 19	1 5346	0 9967	1 5346	0 9967	0 2552	0 2552
35 69	1 5409	0 9995	1 5409	0 9995	0 2552	0 2552
40 70	1 5440	1 0000	1 5440	1 0000	0 2552	0 2552
45 70	1 5420	1 0000	1 5420	1 0000	0 2552	0 2552
50 70	1 5428	1 0003	1 5428	1 0003	0 2552	0 2552
102 11	1 5412	1 0005	1 5412	1 0005	0 2552	0 2552
112 12	1 5397	0 9998	1 5397	0 9998	0 2552	0 2552
122 14	1 5409	0 9995	1 5409	0 9995	0 2552	0 2552
132 12	1 5422	1 0001	1 5422	1 0001	0 2552	0 2552
142 12	1 5422	1 0001	1 5422	1 0001	0 2552	0 2552
152 12	1 5452	1 0014	1 5452	1 0014	0 2552	0 2552

M (NOMINAL)= 1 5

X=-319 MM T0=295 4 K DEL 995= 34 8 MM
RE/M= 9 95e+07 6 (MEASURED P) ME=1 542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 2564	0 2564
0 69	0 7977	0 5918	0 7977	0 5918	0 2564	0 2564
0 89	0 8133	0 6021	0 8133	0 6021	0 2564	0 2564
1 09	0 8470	0 6240	0 8470	0 6240	0 2564	0 2564
1 29	0 8729	0 6406	0 8729	0 6406	0 2564	0 2564
1 50	0 8970	0 6558	0 8970	0 6558	0 2564	0 2564
1 70	0 9139	0 6664	0 9139	0 6664	0 2564	0 2564
2 21	0 9548	0 6917	0 9548	0 6917	0 2564	0 2564
2 71	0 9835	0 7092	0 9835	0 7092	0 2564	0 2564
3 19	1 0075	0 7236	1 0075	0 7236	0 2564	0 2564
3 70	1 0259	0 7345	1 0259	0 7345	0 2564	0 2564
4 74	1 0672	0 7587	1 0672	0 7587	0 2564	0 2564
6 69	1 1184	0 7888	1 1184	0 7888	0 2564	0 2564
8 70	1 1696	0 8164	1 1696	0 8164	0 2564	0 2564
10 74	1 2160	0 8415	1 2160	0 8415	0 2564	0 2564
12 70	1 2544	0 8618	1 2544	0 8618	0 2564	0 2564
14 69	1 2916	0 8818	1 2916	0 8818	0 2564	0 2564
16 71	1 3274	0 8991	1 3274	0 8991	0 2564	0 2564
18 71	1 3687	0 9157	1 3687	0 9157	0 2564	0 2564
20 70	1 3937	0 9317	1 3937	0 9317	0 2564	0 2564
23 20	1 4317	0 9498	1 4317	0 9498	0 2564	0 2564
25 69	1 4669	0 9662	1 4669	0 9662	0 2564	0 2564
28 19	1 4947	0 9789	1 4947	0 9789	0 2564	0 2564
30 69	1 5153	0 9882	1 5153	0 9882	0 2564	0 2564
33 20	1 5320	0 9956	1 5320	0 9956	0 2564	0 2564
35 69	1 5381	0 9983	1 5381	0 9983	0 2564	0 2564
38 20	1 5400	0 9991	1 5400	0 9991	0 2564	0 2564
40 70	1 5420	1 0000	1 5420	1 0000	0 2564	0 2564
45 69	1 5408	0 9995	1 5408	0 9995	0 2564	0 2564
50 70	1 5428	1 0001	1 5428	1 0001	0 2564	0 2564
102 11	1 5385	0 9984	1 5385	0 9984	0 2564	0 2564
112 16	1 5406	0 9994	1 5406	0 9994	0 2564	0 2564
122 12	1 5405	0 9993	1 5405	0 9993	0 2564	0 2564
132 11	1 5383	0 9984	1 5383	0 9984	0 2564	0 2564
152 20	1 5417	0 9999	1 5417	0 9999	0 2564	0 2564

M (NOMINAL)= 1 5

X=-268 MM T0=295 1 K DEL 995= 35 5 MM
RE/M= 9 96e+07 6 (MEASURED P) ME=1 538 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 2576	0 2576
0 69	0 7928	0 5897	0 7928	0 5897	0 2576	0 2576
0 89	0 8087	0 5949	0 8087	0 5949	0 2576	0 2576
1 10	0 8417	0 6217	0 8417	0 6217	0 2576	0 2576
1 29	0 8659	0 6372	0 8659	0 6372	0 2576	0 2576
1 49	0 8840	0 6488	0 8840	0 6488	0 2576	0 2576
1 70	0 9139	0 6676	0 9139	0 6676	0 2576	0 2576
2 19	0 9488	0 6888	0 9488	0 6888	0 2576	0 2576
2 70	0 9771	0 7066	0 9771	0 7066	0 2576	0 2576
3 20	1 0039	0 7227	1 0039	0 7227	0 2576	0 2576
3 69	1 0228	0 7340	1 02.8	0 7340	0 2576	0 2576
4 70	1 0568	0 7540	1 0568	0 7540	0 2576	0 2576
6 73	1 1187	0 7858	1 1187	0 7858	0 2576	0 2576
8 69	1 1617	0 8135	1 1617	0 8135	0 2576	0 2576
10 75	1 2061	0 8377	1 2061	0 8377	0 2576	0 2576
12 74	1 2453	0 8586	1 2453	0 8586	0 2576	0 2576
14 73	1 2810	0 8772	1 2810	0 8772	0 2576	0 2576
16 70	1 3158	0 8949	1 3158	0 8949	0 2576	0 2576
18 70	1 3527	0 9133	1 3527	0 9133	0 2576	0 2576
20 69	1 3834	0 9284	1 3834	0 9284	0 2576	0 2576
23 20	1 4182	0 9451	1 4182	0 9451	0 2576	0 2576
25 74	1 4542	0 9620	1 4542	0 9620	0 2576	0 2576
28 19	1 4848	0 9761	1 4848	0 9761	0 2576	0 2576
30 69	1 5094	0 9873	1 5094	0 9873	0 2576	0 2576
33 19	1 5222	0 9930	1 5222	0 9930	0 2576	0 2576
35 69	1 5328	0 9977	1 5328	0 9977	0 2576	0 2576
40 71	1 5388	1 0000	1 5388	1 0000	0 2576	0 2576
45 82	1 5363	0 9992	1 5363	0 9992	0 2576	0 2576
50 74	1 5365	0 9993	1 5365	0 9993	0 2576	0 2576
102 11	1 5398	1 0008	1 5398	1 0008	0 2576	0 2576
112 17	1 5408	1 0009	1 5408	1 0009	0 2576	0 2576
122 11	1 5377	0 9999	1 5377	0 9999	0 2576	0 2576
132 11	1 5389	1 0004	1 5389	1 0004	0 2576	0 2576
142 13	1 5377	0 9999	1 5377	0 9999	0 2576	0 2576
152 16	1 5385	1 0002	1 5385	1 0002	0 2576	0 2576

M (NOMINAL)= 1 5

X=-245 MM T0=294 8 K DEL 995= 36 0 MM
RE/M=100e+07 6 (MEASURED P) ME=1 541 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 2616	0 2641
0 69	0 7886	0 5858	0 7886	0 5858	0 2616	0 2638
0 89	0 8018	0 5991	0 8018	0 5991	0 2616	0 2637
1 10	0 8366	0 6219	0 8366	0 6219	0 2616	0 2636
1 29	0 8603	0 6373	0 8603	0 6373	0 2616	0 2635
1 50	0 8843	0 6527	0 8843	0 6527	0 2616	0 2634
1 69	0 8996	0 6624	0 8996	0 6624	0 2616	0 2634
2 19	0 9392	0 6873	0 9392	0 6873	0 2616	0 2631
2 69	0 9697	0 7062	0 9697	0 7062	0 2616	0 2629
3 19	0 9941	0 7210	0 9941	0 7210	0 2616	0 2627
3 69	1 0099	0 7305	1 0099	0 7305	0 2616	0 2625
4 70	1 0477	0 7538	1 0477	0 7538	0 2616	0 2621
6 70	1 1024	0 7868	1 1035	0 7888	0 2613	0 2615
8 69	1 1488	0 8106	1 1503	0 8063	0 2609	0 2609
10 70	1 1901	0 8339	1 1939	0 8382	0 2604	0 2605
12 73	1 2336	0 8573	1 2394	0 8545	0 2598	0 2602
14 69	1 2688	0 8755	1 2758	0 8735	0 2592	0 2597
16 69	1 3011	0 8926	1 3109	0 8914	0 2586	0 2592
18 71	1 3383	0 9115	1 3502	0 9111	0 2580	0 2588
20 69	1 3678	0 9261	1 3813	0 9263	0 2575	0 2585
23 19	1 4076	0 9455	1 4222	0 9459	0 2573	0 2583
25 69	1 4379	0 9608	1 4535	0 9686	0 2570	0 2580
28 19	1 4678	0 9739	1 4845	0 9748	0 2568	0 2577
30 69	1 4948	0 9868	1 5115	0 9871	0 2566	0 2575
33 20	1 5104	0 9934	1 5279	0 9944	0 2566	0 2572
35 71	1 5177	0 9967	1 5353	0 9976	0 2566	0 2570
38 19	1 5242	0 9997	1 5419	1 0006	0 2566	0 2569
40 71	1 5245	0 9998	1 5419	1 0006	0 2567	0 2567
45 69	1 5258	1 0000	1 5406	1 0000	0 2572	0 2572
50 70	1 5252	1 0001	1 5392	0 9994	0 2576	0 2576
55 71	1 5253	1 0001	1 5394	0 9995	0 2576	0 2576
102 11	1 5254	1 0002	1 5325	0 9964	0 2596	0 2596
112 12	1 5256	1 0003	1 5319	0 9961	0 2598	0 2598
122 11	1 5254	1 0002	1 5298	0 9948	0 2606	0 2606
132 11	1 5264	1 0006	1 5299	0 9952	0 2606	0 2606
142 13	1 5261	1 0005	1 5296	0 9951	0 2606	0 2606
152 12	1 5265	1 0007	1 5293	0 9950	0 2608	0 2608

Table 2 (continued)

M (NOMINAL)= 1.5

X=-219 MM T0=294.5 K DEL 99%= 37.1 MM
RE/M= 9.99*10^6 (MEASURED P) ME=1.512 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2831	0.2938
0.69	0.6952	0.5441	0.6952	0.5441	0.2831	0.2925
0.89	0.7063	0.5520	0.7063	0.5520	0.2831	0.2921
1.10	0.7439	0.5785	0.7439	0.5785	0.2831	0.2918
1.29	0.7734	0.5991	0.7734	0.5991	0.2831	0.2916
1.49	0.7995	0.6170	0.7995	0.6170	0.2831	0.2913
1.70	0.8212	0.6318	0.8212	0.6318	0.2831	0.2911
2.21	0.8641	0.6686	0.8641	0.6686	0.2831	0.2904
2.70	0.8937	0.6881	0.8937	0.6881	0.2831	0.2898
3.19	0.9198	0.6971	0.9198	0.6971	0.2831	0.2892
3.70	0.9404	0.7185	0.9404	0.7185	0.2831	0.2886
4.69	0.9755	0.7328	0.9755	0.7328	0.2831	0.2874
6.69	1.0046	0.7636	1.0066	0.7518	0.2824	0.2849
8.69	1.0298	0.7969	1.0041	0.7798	0.2816	0.2824
10.69	1.1254	0.8237	1.1327	0.8869	0.2805	0.2802
12.69	1.1619	0.8458	1.1749	0.8385	0.2787	0.2784
14.69	1.1997	0.8664	1.2182	0.8542	0.2769	0.2767
16.70	1.2318	0.8842	1.2558	0.8743	0.2751	0.2750
18.69	1.2673	0.9036	1.2978	0.8959	0.2733	0.2734
20.69	1.2970	0.9195	1.3319	0.9138	0.2717	0.2720
23.19	1.3360	0.9400	1.3761	0.9359	0.2702	0.2703
25.70	1.3708	0.9578	1.4163	0.9554	0.2687	0.2698
28.19	1.3976	0.9713	1.4484	0.9708	0.2672	0.2691
30.70	1.4234	0.9841	1.4783	0.9847	0.2661	0.2684
33.19	1.4384	0.9915	1.4936	0.9918	0.2661	0.2678
35.69	1.4461	0.9952	1.5015	0.9954	0.2661	0.2673
38.19	1.4518	0.9980	1.5073	0.9980	0.2661	0.2667
40.69	1.4543	0.9992	1.5098	0.9992	0.2661	0.2662
45.69	1.4548	0.9994	1.5104	0.9995	0.2661	0.2661
50.70	1.4568	1.0000	1.5116	1.0000	0.2661	0.2661
55.72	1.4548	0.9994	1.5104	0.9995	0.2661	0.2661
60.69	1.4559	0.9999	1.5112	0.9998	0.2662	0.2662
102.11	1.4570	1.0005	1.5034	0.9963	0.2688	0.2688
112.11	1.4569	1.0004	1.5021	0.9957	0.2692	0.2692
122.11	1.4576	1.0008	1.5017	0.9955	0.2695	0.2695
132.12	1.4583	1.0011	1.5013	0.9953	0.2698	0.2698
142.11	1.4577	1.0008	1.4996	0.9945	0.2702	0.2702
152.12	1.4588	1.0013	1.4995	0.9945	0.2705	0.2705
162.11	1.4588	1.0013	1.4984	0.9940	0.2708	0.2708

M (NOMINAL)= 1.5

X=-196 MM T0=294.2 K DEL 99%= 35.9 MM
RE/M=10.03*10^6 (MEASURED P) ME=1.532 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3040	0.3093
0.69	0.5988	0.4889	0.5988	0.4889	0.3040	0.3084
0.89	0.6270	0.5108	0.6270	0.5108	0.3040	0.3081
1.11	0.6716	0.5443	0.6716	0.5443	0.3040	0.3078
1.30	0.6993	0.5648	0.6993	0.5648	0.3040	0.3075
1.49	0.7258	0.5836	0.7258	0.5836	0.3040	0.3073
1.70	0.7461	0.5989	0.7461	0.5989	0.3040	0.3070
2.20	0.7930	0.6325	0.7930	0.6325	0.3040	0.3061
2.71	0.8234	0.6538	0.8234	0.6538	0.3040	0.3056
3.19	0.8480	0.6710	0.8480	0.6710	0.3040	0.3050
3.70	0.8707	0.6866	0.8707	0.6866	0.3040	0.3043
4.69	0.9093	0.7128	0.9093	0.7128	0.3040	0.3038
6.69	0.9667	0.7589	0.9716	0.7852	0.3023	0.3006
8.69	1.0195	0.7850	1.0298	0.7482	0.3003	0.2981
10.69	1.0624	0.8120	1.0785	0.7687	0.2982	0.2956
12.70	1.1012	0.8360	1.1239	0.7947	0.2958	0.2930
14.69	1.1428	0.8606	1.1714	0.8211	0.2934	0.2905
16.69	1.1792	0.8826	1.2154	0.8458	0.2910	0.2880
18.69	1.2055	0.8979	1.2488	0.8628	0.2886	0.2852
20.70	1.2373	0.9161	1.2886	0.8835	0.2860	0.2826
23.19	1.2756	0.9376	1.3386	0.9089	0.2822	0.2793
25.71	1.3079	0.9554	1.3831	0.9389	0.2784	0.2760
28.19	1.3356	0.9703	1.4233	0.9582	0.2747	0.2727
30.71	1.3687	0.9836	1.4687	0.9677	0.2711	0.2693
33.19	1.3757	0.9915	1.4962	0.9795	0.2682	0.2669
35.69	1.3862	0.9970	1.5072	0.9890	0.2652	0.2646
38.19	1.3914	0.9997	1.5230	0.9961	0.2622	0.2625
40.70	1.3928	1.0000	1.5317	1.0000	0.2599	0.2603
45.72	1.3938	1.0005	1.5363	1.0020	0.2589	0.2589
50.70	1.3920	1.0000	1.5383	1.0029	0.2588	0.2588
55.91	1.3923	1.0001	1.5386	1.0030	0.2588	0.2588
102.11	1.3949	1.0015	1.5406	1.0039	0.2582	0.2582
112.11	1.3949	1.0015	1.5376	1.0026	0.2591	0.2591
122.12	1.3939	1.0010	1.5354	1.0016	0.2594	0.2594
132.13	1.3968	1.0021	1.5364	1.0021	0.2597	0.2597
142.12	1.3945	1.0013	1.5335	1.0008	0.2601	0.2601
152.12	1.3953	1.0017	1.5326	1.0004	0.2606	0.2606

M (NOMINAL)= 1.5

X=-169 MM T0=293.5 K DEL 99%= 36.1 MM
RE/M= 9.94*10^6 (MEASURED P) ME=1.428 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3437	0.3488
0.69	0.4893	0.3688	0.4893	0.3688	0.3437	0.3482
0.89	0.4534	0.3981	0.4534	0.3981	0.3437	0.3481
1.10	0.4997	0.4370	0.4997	0.4370	0.3437	0.3479
1.30	0.5384	0.4698	0.5384	0.4698	0.3437	0.3478
1.49	0.5693	0.4943	0.5693	0.4943	0.3437	0.3476
1.70	0.5899	0.5111	0.5899	0.5111	0.3437	0.3473
2.19	0.6436	0.5542	0.6436	0.5542	0.3437	0.3468
2.69	0.6588	0.5599	0.6588	0.5599	0.3437	0.3462
3.20	0.6975	0.5966	0.6975	0.5966	0.3437	0.3456
3.69	0.7115	0.6075	0.7115	0.6075	0.3437	0.3458
4.70	0.7881	0.6688	0.7881	0.6688	0.3437	0.3458
6.70	0.8511	0.7127	0.8520	0.6643	0.3434	0.3415
8.70	0.9145	0.7584	0.9164	0.7875	0.3438	0.3392
10.70	0.9481	0.7821	0.9529	0.7313	0.3419	0.3370
12.69	0.9929	0.8131	1.0037	0.7639	0.3395	0.3348
14.69	1.0187	0.8306	1.0351	0.7837	0.3371	0.3324
16.69	1.0741	0.8675	1.0961	0.8211	0.3347	0.3298
18.69	1.0855	0.8750	1.1135	0.8316	0.3323	0.3271
20.69	1.1401	0.9101	1.1747	0.8676	0.3296	0.3246
23.20	1.1768	0.9331	1.2217	0.8945	0.3256	0.3216
25.69	1.2101	0.9535	1.2655	0.9188	0.3216	0.3184
28.21	1.2321	0.9669	1.2984	0.9368	0.3176	0.3148
30.69	1.2786	0.9945	1.3570	0.9679	0.3134	0.3111
33.19	1.2935	1.0032	1.3855	0.9826	0.3086	0.3073
35.70	1.2877	0.9998	1.3931	0.9865	0.3039	0.3031
38.19	1.2883	1.0001	1.4073	0.9937	0.2991	0.2989
40.70	1.2888	1.0008	1.4198	1.0000	0.2948	0.2947
45.70	1.2888	1.0008	1.4394	1.0098	0.2883	0.2883
50.70	1.2875	0.9997	1.4584	1.0192	0.2828	0.2828
55.69	1.2894	1.0008	1.4764	1.0279	0.2778	0.2778
60.70	1.2886	1.0004	1.4988	1.0349	0.2724	0.2724
102.11	1.2915	1.0028	1.5231	1.0582	0.2637	0.2637
112.12	1.2901	1.0012	1.5216	1.0495	0.2637	0.2637
122.11	1.2916	1.0021	1.5225	1.0580	0.2639	0.2639
132.11	1.2920	1.0023	1.5198	1.0487	0.2648	0.2648
142.12	1.2917	1.0022	1.5178	1.0478	0.2653	0.2653
152.12	1.2917	1.0022	1.5163	1.0478	0.2658	0.2658
162.12	1.2942	1.0036	1.5177	1.0477	0.2661	0.2661

M (NOMINAL)= 1.5

X=-147 MM T0=292.9 K DEL 99%= 36.9 MM
RE/M=10.23*10^6 (MEASURED P) ME=1.443 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3749	0.3741
0.69	0.1998	0.1841	0.1998	0.1841	0.3749	0.3738
0.89	0.2337	0.2150	0.2337	0.2150	0.3749	0.3737
1.11	0.2638	0.2423	0.2638	0.2423	0.3749	0.3736
1.29	0.2868	0.2904	0.2868	0.2904	0.3749	0.3735
1.49	0.3722	0.3396	0.3722	0.3396	0.3749	0.3734
1.69	0.3391	0.3102	0.3391	0.3102	0.3749	0.3733
2.19	0.4486	0.3999	0.4486	0.3999	0.3749	0.3731
2.69	0.4518	0.4098	0.4518	0.4098	0.3749	0.3729
3.19	0.5015	0.4527	0.5015	0.4527	0.3749	0.3726
3.71	0.5555	0.4987	0.5555	0.4987	0.3749	0.3724
4.71	0.6386	0.5688	0.6386	0.5688	0.3749	0.3720
6.71	0.6953	0.6142	0.6984	0.5498	0.3739	0.3704
8.69	0.7874	0.6870	0.7935	0.6167	0.3727	0.3689
10.70	0.8245	0.7156	0.8335	0.6441	0.3715	0.3674
12.69	0.8714	0.7510	0.8838	0.6774	0.3703	0.3658
14.70	0.9117	0.7809	0.9259	0.7056	0.3691	0.3641
16.83	0.9822	0.8318	0.9987	0.7521	0.3678	0.3623
18.72	1.0228	0.8598	1.0487	0.7782	0.3667	0.3607
20.69	1.0284	0.8712	1.0588	0.7985	0.3658	0.3589
23.19	1.0932	0.9885	1.1227	0.8275	0.3618	0.3565
25.69	1.1184	0.9253	1.1551	0.8466	0.3585	0.3540
28.20	1.1771	0.9635	1.2217	0.8842	0.3552	0.3514
30.70	1.1991	0.9775	1.2518	0.9009	0.3519	0.3488
33.19	1.2252	0.9939	1.2872	0.9201	0.3481	0.3457
35.70	1.2289	0.9962	1.3002	0.9270	0.3444	0.3421
38.22	1.2729	0.9925	1.3834	0.9287	0.3406	0.3386
40.70	1.2428	1.0044	1.3335	0.9446	0.3364	0.3352
45.69	1.2387	1.0023	1.3584	0.9576	0.3254	0.3254
50.71	1.2247	0.9936	1.3735	0.9653	0.3144	0.3144
55.69	1.2187	0.9898	1.3966	0.9778	0.3040	0.3040
60.70	1.2358	1.0008	1.4438	1.0008	0.2940	0.2940
70.70	1.2176	0.9891	1.4634	1.0099	0.2813	0.2813
102.11	1.2184	0.9897	1.5083	1.0313	0.2675	0.2679
112.12	1.2189	0.9900	1.5089	1.0316	0.2679	0.2679
122.11	1.2202	0.9908	1.5102	1.0322	0.2679	0.2679
132.12	1.2193	0.9902	1.5093	1.0318	0.2679	0.2679
142.12	1.2196	0.9904	1.5096	1.0319	0.2679	0.2679
152.13	1.2176	0.9891	1.5074	1.0309	0.2679	0.2679
162.12	1.2207	0.9911	1.5108	1.0325	0.2679	0.2679
172.12	1.2202	0.9908	1.5102	1.0322	0.2679	0.2679

Table 2 (continued)

M (NOMINAL)= 1.5

X=-122 MM T0=292.3 K DEL.995= 38.7 MM
RE/M=10.40*10^6 (MEASURED P) ME=1.272 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3970	0.3972
0.10	0.0499	0.0467	0.0499	0.0467	0.3970	0.3972
0.20	0.0731	0.0683	0.0731	0.0683	0.3970	0.3971
0.40	0.0962	0.0899	0.0962	0.0899	0.3970	0.3970
0.60	0.1096	0.1024	0.1096	0.1024	0.3970	0.3970
0.80	0.1242	0.1160	0.1242	0.1160	0.3970	0.3969
1.00	0.1449	0.1352	0.1449	0.1352	0.3970	0.3968
1.50	0.1790	0.1669	0.1790	0.1669	0.3970	0.3966
2.00	0.2119	0.1973	0.2119	0.1973	0.3970	0.3964
2.50	0.2436	0.2264	0.2436	0.2264	0.3970	0.3962
3.00	0.2728	0.2532	0.2728	0.2532	0.3970	0.3960
4.00	0.3337	0.3086	0.3337	0.3086	0.3970	0.3956
6.00	0.4385	0.4023	0.4393	0.3890	0.3960	0.3948
8.00	0.5335	0.4851	0.5356	0.4718	0.3964	0.3939
10.00	0.6200	0.5585	0.6231	0.5428	0.3960	0.3930
12.00	0.6870	0.6139	0.6921	0.5979	0.3952	0.3921
14.00	0.7515	0.6660	0.7504	0.6495	0.3944	0.3912
16.00	0.8063	0.7091	0.8149	0.6924	0.3936	0.3902
18.00	0.8587	0.7494	0.8688	0.7323	0.3928	0.3891
20.00	0.9006	0.7870	0.9282	0.7695	0.3920	0.3880
25.00	1.0146	0.8638	1.0318	0.8472	0.3898	0.3854
30.00	1.0999	0.9227	1.1231	0.9076	0.3860	0.3828
35.00	1.1729	0.9711	1.2048	0.9591	0.3820	0.3798
40.00	1.2156	0.9985	1.2564	0.9905	0.3780	0.3764
45.00	1.2180	1.0000	1.2723	1.0000	0.3720	0.3720
50.69	1.2013	0.9894	1.2719	0.9998	0.3648	0.3648
55.69	1.2195	1.0009	1.2114	1.0230	0.3558	0.3558
60.70	1.2288	1.0018	1.2356	1.0369	0.3463	0.3463
70.69	1.1984	0.9875	1.2737	1.0585	0.3225	0.3225
80.72	1.1846	0.9787	1.4282	1.0842	0.3006	0.3006
90.70	1.1886	0.9813	1.4812	1.1167	0.2820	0.2820
100.62	1.1722	0.9706	1.5063	1.1297	0.2689	0.2689
112.11	1.1703	0.9694	1.5119	1.1327	0.2666	0.2666
122.12	1.1715	0.9702	1.5194	1.1365	0.2648	0.2648
132.11	1.1728	0.9710	1.5243	1.1390	0.2638	0.2638
142.15	1.1717	0.9703	1.5266	1.1402	0.2628	0.2628
152.11	1.1726	0.9709	1.5303	1.1420	0.2620	0.2620
162.12	1.1722	0.9706	1.5297	1.1417	0.2620	0.2620
172.11	1.1726	0.9709	1.5293	1.1415	0.2623	0.2623
202.04	1.1727	0.9709	1.5272	1.1404	0.2629	0.2629

M (NOMINAL)= 1.5

X=-96 MM T0=291.4 K DEL.995= 50.8 MM
RE/M=10.61*10^6 (MEASURED P) ME=1.239 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4186	0.4161
0.10	0.0000	0.0000	0.0000	0.0000	0.4186	0.4161
0.20	0.0712	0.0679	0.0712	0.0679	0.4186	0.4161
0.40	0.0187	0.0182	0.0187	0.0182	0.4186	0.4160
0.60	0.0190	0.0181	0.0190	0.0181	0.4186	0.4159
0.80	0.0237	0.0226	0.0237	0.0226	0.4186	0.4159
1.00	0.0285	0.0272	0.0285	0.0272	0.4186	0.4158
1.50	0.0522	0.0498	0.0522	0.0498	0.4186	0.4157
2.00	0.0783	0.0747	0.0783	0.0747	0.4186	0.4156
2.50	0.1079	0.1029	0.1079	0.1029	0.4186	0.4154
3.00	0.1376	0.1311	0.1376	0.1311	0.4186	0.4153
4.00	0.1874	0.1782	0.1874	0.1782	0.4186	0.4150
6.00	0.2846	0.2695	0.2859	0.2616	0.4184	0.4145
8.00	0.3771	0.3549	0.3799	0.3456	0.4180	0.4139
10.00	0.4542	0.4249	0.4581	0.4141	0.4176	0.4133
12.00	0.5242	0.4871	0.5297	0.4755	0.4170	0.4126
14.00	0.5906	0.5450	0.5974	0.5325	0.4164	0.4119
16.00	0.6487	0.5947	0.6562	0.5813	0.4158	0.4112
18.00	0.7002	0.6452	0.7102	0.6289	0.4152	0.4105
20.00	0.7502	0.6878	0.7702	0.6719	0.4146	0.4098
25.00	0.8824	0.7834	0.8969	0.7698	0.4121	0.4081
30.00	0.9856	0.8687	1.0044	0.8453	0.4096	0.4063
35.00	1.0721	0.9227	1.0952	0.9075	0.4071	0.4046
40.00	1.1457	0.9732	1.1737	0.9588	0.4046	0.4028
45.00	1.1813	0.9969	1.2145	0.9847	0.4021	0.4007
50.00	1.1836	0.9984	1.2221	0.9894	0.3996	0.3983
55.00	1.1848	0.9992	1.2306	0.9947	0.3961	0.3955
60.00	1.1868	1.0000	1.2392	1.0000	0.3926	0.3926
70.70	1.1868	1.0000	1.2556	1.0101	0.3850	0.3850
80.70	1.1814	0.9969	1.2718	1.0199	0.3755	0.3755
90.72	1.1517	0.9772	1.2885	1.0252	0.3585	0.3585
100.67	1.1626	0.9845	1.3629	1.0737	0.3297	0.3297
112.11	1.1571	0.9808	1.4381	1.1159	0.3004	0.3004
116.11	1.1279	0.9611	1.4247	1.1085	0.2944	0.2944
122.11	1.1313	0.9635	1.4512	1.1231	0.2869	0.2869
132.11	1.1287	0.9617	1.4709	1.1338	0.2798	0.2798
142.12	1.1276	0.9610	1.4812	1.1393	0.2762	0.2762
152.14	1.1274	0.9608	1.4875	1.1427	0.2742	0.2742
162.11	1.1310	0.9632	1.4988	1.1482	0.2722	0.2722
172.12	1.1287	0.9617	1.5008	1.1497	0.2706	0.2706
182.12	1.1282	0.9614	1.5002	1.1494	0.2706	0.2706
192.14	1.1292	0.9620	1.5013	1.1500	0.2706	0.2706
202.09	1.1285	0.9615	1.5005	1.1495	0.2706	0.2706

M (NOMINAL)= 1.5

X=-73 MM T0=296.4 K DEL.995= 58.3 MM
RE/M=10.37*10^6 (MEASURED P) ME=1.198 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4281	0.4289
0.10	-0.0012	-0.0011	-0.0012	-0.0011	0.4281	0.4289
0.20	-0.0023	-0.0023	-0.0023	-0.0023	0.4281	0.4289
0.40	0.0023	0.0023	0.0023	0.0023	0.4281	0.4288
0.60	0.0094	0.0090	0.0094	0.0090	0.4281	0.4288
0.80	0.0164	0.0158	0.0164	0.0158	0.4281	0.4287
1.00	0.0222	0.0214	0.0222	0.0214	0.4281	0.4287
1.50	0.0340	0.0327	0.0340	0.0327	0.4281	0.4286
2.00	0.0515	0.0497	0.0515	0.0497	0.4281	0.4285
2.50	0.0703	0.0677	0.0703	0.0677	0.4281	0.4284
3.00	0.0878	0.0846	0.0878	0.0846	0.4281	0.4283
4.00	0.1183	0.1139	0.1183	0.1139	0.4281	0.4280
6.00	0.1862	0.1789	0.1898	0.1758	0.4277	0.4276
8.00	0.2483	0.2378	0.2563	0.2410	0.4269	0.4272
10.00	0.3000	0.2941	0.3189	0.2988	0.4261	0.4269
12.00	0.3724	0.3541	0.3833	0.3576	0.4257	0.4265
14.00	0.4274	0.4047	0.4396	0.4075	0.4253	0.4261
16.00	0.4803	0.4599	0.4997	0.4617	0.4249	0.4257
18.00	0.5433	0.5098	0.5550	0.5099	0.4245	0.4251
20.00	0.6042	0.5623	0.6168	0.5622	0.4241	0.4245
25.00	0.7389	0.6763	0.7514	0.6743	0.4231	0.4231
30.00	0.8654	0.7788	0.8787	0.7742	0.4221	0.4218
35.00	0.9825	0.8671	0.9967	0.8618	0.4211	0.4207
40.00	1.0761	0.9348	1.0918	0.9288	0.4201	0.4194
45.00	1.1265	0.9698	1.1458	0.9648	0.4186	0.4179
50.00	1.1546	0.9898	1.1761	0.9854	0.4171	0.4164
55.00	1.1698	0.9992	1.1943	0.9973	0.4156	0.4148
60.00	1.1710	1.0000	1.1985	1.0000	0.4141	0.4132
70.70	1.1697	0.9991	1.2000	1.0061	0.4088	0.4088
80.69	1.1702	0.9995	1.2185	1.0129	0.4038	0.4038
90.69	1.1685	0.9984	1.2258	1.0176	0.3995	0.3995
100.11	1.1677	0.9978	1.2498	1.0323	0.3881	0.3881
110.11	1.1643	0.9955	1.2783	1.0456	0.3768	0.3768
120.13	1.1588	0.9918	1.3183	1.0751	0.3536	0.3536
122.11	1.1469	0.9837	1.3243	1.0787	0.3461	0.3461
132.12	1.1267	0.9700	1.3982	1.1223	0.3100	0.3100
142.12	1.1117	0.9596	1.4561	1.1551	0.2850	0.2850
152.11	1.1117	0.9596	1.4825	1.1697	0.2767	0.2767
162.11	1.1140	0.9612	1.4987	1.1742	0.2749	0.2749
172.12	1.1122	0.9600	1.4914	1.1746	0.2741	0.2741
182.11	1.1127	0.9603	1.4919	1.1749	0.2741	0.2741
192.11	1.1130	0.9605	1.4923	1.1751	0.2741	0.2741
202.09	1.1130	0.9605	1.4923	1.1751	0.2741	0.2741

M (NOMINAL)= 1.5

X=-24 MM T0=296.2 K DEL.995= 64.5 MM
RE/M=10.30*10^6 (MEASURED P) ME=1.155 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4453	0.4559
0.20	-0.0034	-0.0034	-0.0034	-0.0034	0.4453	0.4559
0.40	-0.0091	-0.0090	-0.0091	-0.0090	0.4453	0.4559
0.60	-0.0160	-0.0157	-0.0160	-0.0157	0.4453	0.4558
0.80	-0.0239	-0.0236	-0.0239	-0.0236	0.4453	0.4558
1.00	-0.0285	-0.0281	-0.0285	-0.0281	0.4453	0.4558
1.50	-0.0399	-0.0393	-0.0399	-0.0393	0.4453	0.4557
2.00	-0.0456	-0.0449	-0.0456	-0.0449	0.4453	0.4557
2.50	-0.0445	-0.0438	-0.0445	-0.0438	0.4453	0.4556
3.00	-0.0410	-0.0404	-0.0410	-0.0404	0.4453	0.4555
4.00	-0.0239	-0.0236	-0.0239	-0.0236	0.4453	0.4552
6.00	0.0217	0.0213	0.0419	0.0408	0.4449	0.4546
8.00	0.0695	0.0684	0.0932	0.0908	0.4441	0.4540
10.00	0.1208	0.1188	0.1451	0.1411	0.4433	0.4534
12.00	0.1733	0.1701	0.1927	0.1871	0.4431	0.4528
14.00	0.2257	0.2211	0.2424	0.2348	0.4429	0.4522
16.00	0.2747	0.2685	0.2898	0.2801	0.4427	0.4516
18.00	0.3226	0.3144	0.3366	0.3244	0.4425	0.4510
20.00	0.3796	0.3685	0.3925	0.3767	0.4423	0.4505
25.00	0.5062	0.4861	0.5218	0.4945	0.4408	0.4490
30.00	0.6361	0.6024	0.6524	0.6103	0.4393	0.4476
35.00	0.7535	0.7031	0.7781	0.7096	0.4383	0.4463
40.00	0.8687	0.7973	0.8857	0.8025	0.4373	0.4450
45.00	0.9804	0.8841	0.9961	0.8867	0.4373	0.4438
50.00	1.0727	0.9523	1.0878	0.9532	0.4373	0.4427
55.00	1.1172	0.9840	1.1322	0.9843	0.4373	0.4414
60.00	1.1354	0.9968	1.1504	0.9969	0.4373	0.4401
65.00	1.1389	0.9992	1.1538	0.9992	0.4373	0.4389
70.00	1.1400	1.0000	1.1549	1.0000	0.4373	0.4378
80.70	1.1400	1.0000	1.1572	1.0016	0.4361	0.4361
90.69	1.1395	0.9997	1.1604	1.0037	0.4342	0.4342
100.65	1.1379	0.9986	1.1327	0.9847	0.4481	0.4481
112.16	1.1367	0.9977	1.0670	0.9304	0.4845	0.4845
122.14	1.1365	0.9975	1.0882	0.9897	0.5243	0.5243
132.11	1.1362	0.9974	1.0888	0.9754	0.5359	0.5359
142.11	1.1350	0.9965	1.0758	0.9710	0.5387	0.5387
152.11	1.1332	0.9952	1.0702	0.9674	0.5405	0.5405
162.12	1.1247	0.9893	1.0686	0.9681	0.5409	0.5409
172.19	1.1303	0.9912	1.0777	0.9738	0.5340	0.5340
182.12	1.1028	0.9719	1.1009	0.9681	0.4420	0.4420
192.11	1.0957	0.9617	1.1979	1.1551	0.3069	0.3069
202.07	1.0787	0.9566	1.1962	1.1541	0.3049	0.3049

M (NOMINAL)= 1.5

X= 25 MM T0=295.9 K DEL 995= 69.6 MM
RE/M=10 17*10^6 (MEASURED P) ME=1.861 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4561	0.3782
0.20	-0.0146	-0.0145	-0.0146	-0.0145	0.4561	0.3785
0.40	-0.0295	-0.0295	-0.0295	-0.0295	0.4561	0.3789
0.60	-0.0383	-0.0382	-0.0383	-0.0382	0.4561	0.3792
0.80	-0.0370	-0.0369	-0.0370	-0.0369	0.4561	0.3795
1.00	-0.0415	-0.0414	-0.0415	-0.0414	0.4561	0.3799
1.50	-0.0448	-0.0447	-0.0448	-0.0447	0.4561	0.3727
2.00	-0.0471	-0.0470	-0.0471	-0.0470	0.4561	0.3735
2.50	-0.0460	-0.0459	-0.0460	-0.0459	0.4561	0.3743
3.00	-0.0437	-0.0436	-0.0437	-0.0436	0.4561	0.3752
4.00	-0.0370	-0.0369	-0.0370	-0.0369	0.4561	0.3768
6.00	-0.0890	-0.0889	-0.0890	-0.0889	0.4561	0.3801
8.00	0.0213	0.0212	0.0213	0.0212	0.4561	0.3834
10.00	0.0549	0.0548	0.0549	0.0548	0.4561	0.3867
12.00	0.0886	0.0883	0.0954	0.0594	0.4557	0.3900
14.00	0.1211	0.1206	0.1310	0.1265	0.4555	0.3935
16.00	0.1581	0.1573	0.1696	0.1765	0.4549	0.3966
18.00	0.1962	0.1950	0.2087	0.2168	0.4545	0.3999
20.00	0.2312	0.2314	0.2464	0.2556	0.4541	0.4032
25.00	0.3352	0.3380	0.3529	0.3647	0.4521	0.4114
30.00	0.4473	0.4377	0.4688	0.4788	0.4501	0.4196
35.00	0.5616	0.5435	0.5822	0.5879	0.4491	0.4279
40.00	0.6861	0.6545	0.7060	0.7025	0.4481	0.4361
45.00	0.8071	0.7576	0.8247	0.8074	0.4481	0.4444
50.00	0.9226	0.8510	0.9385	0.9011	0.4481	0.4526
55.00	1.0280	0.9320	1.0280	0.9920	0.4561	0.4608
60.00	1.0851	0.9742	1.0707	1.0077	0.4641	0.4691
65.00	1.1154	0.9968	1.0943	1.0181	0.4736	0.4773
70.00	1.1199	0.9992	1.0923	1.0098	0.4831	0.4856
75.00	1.1210	1.0002	1.0686	1.0008	0.4906	0.4938
80.69	1.1210	1.0000	1.0461	0.9888	0.4992	0.4992
90.78	1.1210	1.0000	1.0197	0.9682	0.5151	0.5151
100.62	1.1202	0.9994	0.9961	0.9495	0.5290	0.5290
112.11	1.1165	0.9982	0.9694	0.9281	0.5444	0.5444
122.12	1.1104	0.9982	0.9523	0.9143	0.5550	0.5550
132.12	1.1165	0.9968	0.9366	0.9015	0.5636	0.5636
142.11	1.1153	0.9958	0.9244	0.8915	0.5704	0.5704
152.11	1.1152	0.9958	0.9148	0.8836	0.5764	0.5764
162.11	1.1138	0.9949	0.9042	0.8747	0.5822	0.5822
172.11	1.1139	0.9950	0.8964	0.8683	0.5872	0.5872
182.11	1.1073	0.9902	0.8821	0.8562	0.5915	0.5915
192.12	1.0893	0.9772	0.8587	0.8365	0.5932	0.5932
202.04	1.0701	0.9632	0.8353	0.8166	0.5939	0.5939

M (NOMINAL)= 1.5

X= 125 MM T0=295.8 K DEL 995= 78.0 MM
RE/M=10 15*10^6 (MEASURED P) ME=1.847 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4733	0.4279
0.20	-0.0833	-0.0833	-0.0833	-0.0833	0.4733	0.4281
0.40	-0.0876	-0.0878	-0.0876	-0.0878	0.4733	0.4282
0.60	-0.0120	-0.0122	-0.0120	-0.0122	0.4733	6.4284
0.80	-0.0164	-0.0167	-0.0164	-0.0167	0.4733	0.4286
1.00	-0.0185	-0.0189	-0.0185	-0.0189	0.4733	0.4287
1.50	-0.0218	-0.0222	-0.0218	-0.0222	0.4733	0.4292
2.00	-0.0229	-0.0234	-0.0229	-0.0234	0.4733	0.4296
2.50	-0.0229	-0.0234	-0.0229	-0.0234	0.4733	0.4300
3.00	-0.0218	-0.0222	-0.0218	-0.0222	0.4733	0.4304
4.00	-0.0151	-0.0156	-0.0151	-0.0156	0.4733	0.4312
6.00	0.0000	0.0000	0.0000	0.0000	0.4733	0.4329
8.00	0.0196	0.0200	0.0196	0.0200	0.4733	0.4345
10.00	0.0392	0.0400	0.0392	0.0400	0.4733	0.4362
12.00	0.0589	0.0601	0.0589	0.0601	0.4733	0.4378
14.00	0.0796	0.0812	0.0796	0.0812	0.4733	0.4395
16.00	0.1068	0.1089	0.1068	0.1089	0.4733	0.4411
18.00	0.1297	0.1322	0.1297	0.1322	0.4733	0.4428
20.00	0.1559	0.1587	0.1559	0.1587	0.4733	0.4445
25.00	0.2322	0.2357	0.2322	0.2357	0.4733	0.4486
30.00	0.3172	0.3205	0.3172	0.3205	0.4733	0.4527
35.00	0.4109	0.4125	0.4109	0.4125	0.4733	0.4569
40.00	0.5145	0.5117	0.5145	0.5117	0.4733	0.4610
45.00	0.6191	0.6090	0.6204	0.6304	0.4728	0.4651
50.00	0.7325	0.7104	0.7348	0.7361	0.4723	0.4693
55.00	0.8317	0.7956	0.8317	0.7956	0.4733	0.4734
60.00	0.9232	0.8710	0.9213	0.8982	0.4743	0.4775
65.00	0.9963	0.9288	0.9863	0.9516	0.4788	0.4817
70.00	1.0519	0.9714	1.0343	0.9899	0.4833	0.4858
75.00	1.0867	0.9976	1.0608	1.0108	0.4888	0.4899
80.00	1.0889	0.9992	1.0528	1.0044	0.4943	0.4941
85.00	1.0900	1.0000	1.0472	1.0000	0.4983	0.4982
90.72	1.0900	1.0000	1.0394	0.9939	0.5029	0.5029
100.63	1.0900	1.0000	1.0249	0.9825	0.5117	0.5117
112.12	1.0891	0.9993	1.0128	0.9722	0.5198	0.5198
122.12	1.0885	0.9989	0.9988	0.9616	0.5266	0.5266
127.11	1.0884	0.9988	0.9938	0.9576	0.5296	0.5296
137.11	1.0862	0.9972	0.9838	0.9489	0.5349	0.5349
142.12	1.0858	0.9969	0.9785	0.9453	0.5374	0.5374
152.11	1.0858	0.9969	0.9708	0.9398	0.5421	0.5421
162.14	1.0838	0.9954	0.9629	0.9325	0.5457	0.5457
172.11	1.0846	0.9960	0.9585	0.9286	0.5477	0.5477
182.12	1.0813	0.9935	0.9538	0.9251	0.5497	0.5497
192.14	1.0796	0.9923	0.9492	0.9214	0.5514	0.5514
202.05	1.0653	0.9815	0.9327	0.9077	0.5521	0.5521

M (NOMINAL)= 1.5

X= 223 MM T0=296.0 K DEL 995= 81.0 MM
RE/M=10 10*10^6 (MEASURED P) ME=1.831 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4892	0.4338
0.10	0.0864	0.0866	0.0864	0.0866	0.4892	0.4339
0.20	0.0149	0.0155	0.0149	0.0155	0.4892	0.4340
0.40	0.0223	0.0232	0.0223	0.0232	0.4892	0.4341
0.60	0.0298	0.0310	0.0298	0.0310	0.4892	0.4343
0.80	0.0361	0.0376	0.0361	0.0376	0.4892	0.4345
1.00	0.0436	0.0454	0.0436	0.0454	0.4892	0.4346
1.50	0.0542	0.0564	0.0542	0.0564	0.4892	0.4350
2.00	0.0638	0.0664	0.0638	0.0664	0.4892	0.4354
2.50	0.0723	0.0752	0.0723	0.0752	0.4892	0.4358
3.00	0.0776	0.0808	0.0776	0.0808	0.4892	0.4362
4.00	0.0872	0.0907	0.0872	0.0907	0.4892	0.4371
6.00	0.0989	0.1029	0.0989	0.1029	0.4892	0.4387
8.00	0.1095	0.1139	0.1095	0.1139	0.4892	0.4403
10.00	0.1254	0.1304	0.1254	0.1304	0.4892	0.4419
12.00	0.1371	0.1426	0.1371	0.1426	0.4892	0.4436
14.00	0.1552	0.1613	0.1552	0.1613	0.4892	0.4452
16.00	0.1733	0.1799	0.1733	0.1799	0.4892	0.4468
18.00	0.1924	0.1997	0.1924	0.1997	0.4892	0.4484
20.00	0.2137	0.2215	0.2137	0.2215	0.4892	0.4501
25.00	0.2689	0.2781	0.2689	0.2781	0.4892	0.4541
30.00	0.3391	0.3492	0.3391	0.3492	0.4892	0.4582
35.00	0.4103	0.4204	0.4103	0.4204	0.4892	0.4622
40.00	0.4900	0.4986	0.4900	0.4986	0.4892	0.4663
45.00	0.5761	0.5811	0.5761	0.5811	0.4892	0.4704
50.00	0.6676	0.6663	0.6676	0.6663	0.4892	0.4744
55.00	0.7643	0.7533	0.7643	0.7533	0.4892	0.4785
60.00	0.8515	0.8288	0.8515	0.8288	0.4892	0.4825
65.00	0.9312	0.8954	0.9284	0.9157	0.4907	0.4866
70.00	0.9958	0.9469	0.9897	0.9665	0.4922	0.4907
75.00	1.0343	0.9778	1.0232	0.9936	0.4957	0.4947
80.00	1.0502	0.9902	1.0333	1.0017	0.4992	0.4988
85.00	1.0689	0.9984	1.0364	1.0043	0.5037	0.5028
90.00	1.0638	1.0000	1.0311	1.0000	0.5082	0.5069
100.62	1.0638	1.0000	1.0223	0.9930	0.5135	0.5135
112.10	1.0628	0.9993	1.0129	0.9854	0.5186	0.5186
122.10	1.0608	0.9983	1.0000	0.9814	0.5208	0.5208
132.19	1.0597	0.9975	1.0016	0.9763	0.5241	0.5241
142.14	1.0581	0.9962	0.9934	0.9695	0.5288	0.5288
152.12	1.0580	0.9962	0.9875	0.9647	0.5316	0.5316
162.11	1.0579	0.9960	0.9843	0.9621	0.5334	0.5334
172.12	1.0569	0.9945	0.9807	0.9592	0.5344	0.5344
182.12	1.0559	0.9945	0.9791	0.9579	0.5354	0.5354
192.13	1.0541	0.9931	0.9759	0.9553	0.5362	0.5362
202.04	1.0477	0.9882	0.9693	0.9498	0.5362	0.5362
202.04	1.0477	0.9882	0.9693	0.9498	0.5362	0.5362

M (NOMINAL)= 1.5

X= 270 MM T0=296.0 K DEL 995= 84.5 MM
RE/M=10 14*10^6 (MEASURED P) ME=1.828 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4968	0.4600
0.10	0.0418	0.0431	0.0418	0.0431	0.4968	0.4601
0.20	0.0504	0.0530	0.0504	0.0530	0.4968	0.4601
0.40	0.0599	0.0629	0.0599	0.0629	0.4968	0.4602
0.60	0.0662	0.0696	0.0662	0.0696	0.4968	0.4603
0.80	0.0693	0.0729	0.0693	0.0729	0.4968	0.4604
1.00	0.0735	0.0773	0.0735	0.0773	0.4968	0.4604
1.50	0.0871	0.0916	0.0871	0.0916	0.4968	0.4607
2.00	0.1018	0.1071	0.1018	0.1071	0.4968	0.4609
2.50	0.1071	0.1126	0.1071	0.1126	0.4968	0.4791
3.00	0.1092	0.1148	0.1092	0.1148	0.4968	0.4693
4.00	0.1124	0.1181	0.1124	0.1181	0.4968	0.4698
6.00	0.1229	0.1291	0.1229	0.1291	0.4968	0.4706
8.00	0.1281	0.1346	0.1281	0.1346	0.4968	0.4715
10.00	0.1407	0.1477	0.1407	0.1477	0.4968	0.4724
12.00	0.1523	0.1598	0.1523	0.1598	0.4968	0.4733
14.00	0.1670	0.1752	0.1670	0.1752	0.4968	0.4742
16.00	0.1743	0.1828	0.1743	0.1828	0.4968	0.4750
18.00	0.2037	0.2134	0.2037	0.2134	0.4968	0.4759
20.00	0.2226	0.2331	0.2226	0.2331	0.4968	0.4768
25.00	0.2740	0.2862	0.2740	0.2862	0.4968	0.4790
30.00	0.3391	0.3528	0.3391	0.3528	0.4968	0.4812
35.00	0.4158	0.4301	0.4158	0.4301	0.4968	0.4834
40.00	0.4893	0.5029	0.4893	0.5029	0.4968	0.4856
45.00	0.5706	0.5893	0.5706	0.5893	0.4968	0.4878
50.00	0.6710	0.6762	0.6710	0.6762	0.4968	0.4900
55.00	0.7707	0.7666	0.7707	0.7666	0.4968	0.4922
60.00	0.8537	0.8391	0.8537	0.8391	0.4968	0.4944
65.00	0.9238	0.8976	0.9220	0.9124	0.4971	0.4966
70.00	0.9733	0.9398	0.9716	0.9538	0.4978	0.4987
75.00	1.0112	0.9694	1.0052	0.9813	0.5003	0.5009
80.00	1.0345	0.9877	1.0241	0.9966	0.5026	0.5031
85.00	1.0469	0.9975	1.0326	1.0034	0.5053	0.5057
90.00	1.0498	0.9992	1.0306	1.0018	0.5078	0.5075
95.00	1.0500	1.0000	1.0281	1.0000	0.5098	0.5097
102.11	1.0500	1.0000	1.0[illegible]	0.9962	0.5126	0.5126
112.12	1.0487	0.9990	1.0[illegible]	0.9896	0.5169	0.5169
122.11	1.0483	0.9987	1.0[illegible]	0.9870	0.5214	0.5214
132.13	1.0471	0.9977	1.0016	0.9784	0.5242	0.5242
142.14	1.0454	0.9964	0.9962	0.9748	0.5264	0.5264
152.13	1.0444	0.9956	0.9906	0.9695	0.5292	0.5292
162.11	1.0437	0.9951	0.9866	0.9662	0.5312	0.5312
172.11	1.0428	0.9943	0.9831	0.9633	0.5328	0.5328
182.16	1.0418	0.9936	0.9825	0.9628	0.5326	0.5326
192.12	1.0402	0.9924	0.9823	0.9627	0.5317	0.5317
202.04	1.0232	0.9798	0.9650	0.9498	0.5310	0.5310

M (NOMINAL)= 1.5

X= 293 MM T0=295.6 K DEL 995= 85.1 MM
RE/M=10 11*10^6 (MEASURED P) ME=1.024 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5089	0.4776
0.10	0.0449	0.0474	0.0449	0.0474	0.5089	0.4776
0.20	0.0585	0.0618	0.0585	0.0618	0.5089	0.4777
0.40	0.0647	0.0684	0.0647	0.0684	0.5089	0.4777
0.60	0.0718	0.0758	0.0718	0.0758	0.5089	0.4778
0.80	0.0752	0.0805	0.0752	0.0805	0.5089	0.4779
1.00	0.0825	0.0871	0.0825	0.0871	0.5089	0.4780
1.50	0.0900	0.0959	0.0900	0.0959	0.5089	0.4782
2.00	0.1034	0.1091	0.1034	0.1091	0.5089	0.4784
2.50	0.1096	0.1157	0.1096	0.1157	0.5089	0.4785
3.00	0.1169	0.1234	0.1169	0.1234	0.5089	0.4787
4.00	0.1221	0.1289	0.1221	0.1289	0.5089	0.4791
5.00	0.1274	0.1344	0.1274	0.1344	0.5089	0.4796
6.00	0.1409	0.1487	0.1409	0.1487	0.5089	0.4806
10.00	0.1535	0.1618	0.1535	0.1618	0.5089	0.4813
12.00	0.1681	0.1772	0.1681	0.1772	0.5089	0.4821
14.00	0.1858	0.1958	0.1858	0.1958	0.5089	0.4826
16.00	0.2046	0.2154	0.2046	0.2154	0.5089	0.4836
18.00	0.2098	0.2209	0.2098	0.2209	0.5089	0.4843
20.00	0.2412	0.2535	0.2412	0.2535	0.5089	0.4851
25.00	0.2965	0.3107	0.2965	0.3107	0.5089	0.4869
30.00	0.3644	0.3801	0.3644	0.3801	0.5089	0.4888
35.00	0.4364	0.4528	0.4364	0.4528	0.5089	0.4906
40.00	0.5126	0.5282	0.5126	0.5282	0.5089	0.4925
45.00	0.5888	0.6019	0.5888	0.6019	0.5089	0.4943
50.00	0.6692	0.6777	0.6692	0.6777	0.5089	0.4962
55.00	0.7586	0.7522	0.7586	0.7522	0.5089	0.4981
60.00	0.8289	0.8216	0.8289	0.8216	0.5089	0.4999
65.00	0.8989	0.8816	0.8989	0.8816	0.5089	0.5018
70.00	0.9636	0.9355	0.9636	0.9355	0.5089	0.5036
75.00	1.0043	0.9685	0.9999	0.9804	0.5034	0.5055
80.00	1.0283	0.9876	1.0199	0.9967	0.5059	0.5074
85.00	1.0419	0.9984	1.0294	1.0041	0.5084	0.5092
90.00	1.0429	0.9992	1.0263	1.0018	0.5109	0.5111
95.00	1.0440	1.0000	1.0241	1.0000	0.5129	0.5129
102.11	1.0431	0.9993	1.0184	0.9954	0.5157	0.5157
112.16	1.0425	0.9985	1.0115	0.9896	0.5195	0.5195
122.16	1.0410	0.9976	1.0052	0.9847	0.5225	0.5225
132.15	1.0401	0.9970	0.9997	0.9802	0.5253	0.5253
142.11	1.0397	0.9966	0.9968	0.9772	0.5273	0.5273
152.11	1.0384	0.9956	0.9913	0.9734	0.5293	0.5293
162.13	1.0375	0.9949	0.9876	0.9703	0.5311	0.5311
172.12	1.0369	0.9945	0.9855	0.9686	0.5319	0.5319
182.12	1.0367	0.9942	0.9854	0.9685	0.5319	0.5319
192.11	1.0355	0.9933	0.9847	0.9679	0.5316	0.5316
202.05	1.0211	0.9819	0.9720	0.9574	0.5285	0.5289

M (NOMINAL)= 1.5

X= 321 MM T0=296.0 K DEL 995= 87.8 MM
RE/M=10 12*10^6 (MEASURED P) ME=1.019 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5059	0.4841
0.10	0.0486	0.0518	0.0486	0.0518	0.5059	0.4841
0.20	0.0631	0.0672	0.0631	0.0672	0.5059	0.4842
0.40	0.0797	0.0848	0.0797	0.0848	0.5059	0.4842
0.60	0.0849	0.0903	0.0849	0.0903	0.5059	0.4843
0.80	0.0900	0.0958	0.0900	0.0958	0.5059	0.4844
1.00	0.0963	0.1024	0.0963	0.1024	0.5059	0.4844
1.50	0.1097	0.1167	0.1097	0.1167	0.5059	0.4846
2.00	0.1232	0.1309	0.1232	0.1309	0.5059	0.4848
2.50	0.1273	0.1353	0.1273	0.1353	0.5059	0.4849
3.00	0.1314	0.1397	0.1314	0.1397	0.5059	0.4851
4.00	0.1366	0.1452	0.1366	0.1452	0.5059	0.4854
5.00	0.1428	0.1518	0.1428	0.1518	0.5059	0.4861
8.00	0.1470	0.1561	0.1470	0.1561	0.5059	0.4867
10.00	0.1573	0.1671	0.1573	0.1671	0.5059	0.4874
12.00	0.1677	0.1782	0.1677	0.1782	0.5059	0.4880
14.00	0.1822	0.1936	0.1822	0.1936	0.5059	0.4887
16.00	0.1946	0.2064	0.1946	0.2064	0.5059	0.4894
18.00	0.2101	0.2227	0.2101	0.2227	0.5059	0.4900
20.00	0.2298	0.2433	0.2298	0.2433	0.5059	0.4907
25.00	0.2698	0.2868	0.2698	0.2868	0.5059	0.4923
30.00	0.3540	0.3722	0.3540	0.3722	0.5059	0.4939
35.00	0.4223	0.4418	0.4223	0.4418	0.5059	0.4956
40.00	0.4968	0.5163	0.4968	0.5163	0.5059	0.4972
45.00	0.5765	0.5943	0.5765	0.5943	0.5059	0.4989
50.00	0.6552	0.6694	0.6552	0.6694	0.5059	0.5005
55.00	0.7369	0.7452	0.7369	0.7452	0.5059	0.5021
60.00	0.8156	0.8158	0.8156	0.8158	0.5059	0.5038
65.00	0.8891	0.8796	0.8891	0.8796	0.5059	0.5054
70.00	0.9522	0.9327	0.9522	0.9327	0.5059	0.5070
75.00	0.9946	0.9675	0.9912	0.9770	0.5079	0.5087
80.00	1.0215	0.9893	1.0149	0.9964	0.5099	0.5103
85.00	1.0319	0.9975	1.0219	1.0022	0.5119	0.5120
90.00	1.0329	0.9984	1.0197	1.0003	0.5139	0.5136
95.00	1.0350	1.0000	1.0193	1.0000	0.5154	0.5152
102.11	1.0350	1.0000	1.0158	0.9972	0.5175	0.5175
112.15	1.0334	0.9988	1.0093	0.9918	0.5205	0.5205
122.11	1.0326	0.9981	1.0039	0.9875	0.5233	0.5233
132.12	1.0320	0.9976	0.9999	0.9842	0.5253	0.5253
142.12	1.0301	0.9961	0.9944	0.9796	0.5275	0.5275
152.12	1.0303	0.9963	0.9901	0.9761	0.5303	0.5303
162.13	1.0295	0.9956	0.9866	0.9733	0.5319	0.5319
172.17	1.0283	0.9946	0.9858	0.9719	0.5321	0.5321
182.12	1.0274	0.9940	0.9832	0.9704	0.5327	0.5327
192.12	1.0265	0.9931	0.9836	0.9707	0.5317	0.5317
202.83	1.0049	0.9758	0.9626	0.9533	0.5211	0.5211

M (NOMINAL)= 1.5

X= 415 MM T0=295.9 K DEL 995= 92.4 MM
RE/M=10 85*10^6 (MEASURED P) ME=1.003 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5201	0.5073
0.69	0.1455	0.1575	0.1455	0.1575	0.5201	0.5074
0.89	0.1436	0.1554	0.1436	0.1554	0.5201	0.5075
1.11	0.1466	0.1587	0.1466	0.1587	0.5201	0.5075
1.38	0.1356	0.1468	0.1356	0.1468	0.5201	0.5075
1.58	0.1551	0.1679	0.1551	0.1679	0.5201	0.5076
1.71	0.1549	0.1676	0.1549	0.1676	0.5201	0.5076
2.20	0.1456	0.1576	0.1456	0.1576	0.5201	0.5077
2.69	0.1734	0.1875	0.1734	0.1875	0.5201	0.5078
3.20	0.1792	0.1938	0.1792	0.1938	0.5201	0.5079
3.70	0.1693	0.1831	0.1693	0.1831	0.5201	0.5080
4.71	0.1741	0.1882	0.1741	0.1882	0.5201	0.5082
6.20	0.1612	0.1744	0.1612	0.1744	0.5201	0.5085
8.20	0.2041	0.2205	0.2041	0.2205	0.5201	0.5089
10.69	0.2094	0.2261	0.2094	0.2261	0.5201	0.5092
12.69	0.2087	0.2382	0.2087	0.2382	0.5201	0.5096
14.70	0.2296	0.2478	0.2296	0.2478	0.5201	0.5099
16.72	0.2516	0.2712	0.2516	0.2712	0.5201	0.5103
18.69	0.2622	0.2825	0.2622	0.2825	0.5201	0.5106
20.71	0.2893	0.3112	0.2893	0.3112	0.5201	0.5110
25.70	0.3256	0.3494	0.3256	0.3494	0.5201	0.5119
30.70	0.3868	0.4134	0.3868	0.4134	0.5201	0.5128
35.78	0.4597	0.4883	0.4597	0.4883	0.5201	0.5137
40.71	0.5236	0.5530	0.5236	0.5530	0.5201	0.5146
45.69	0.5817	0.6186	0.5817	0.6186	0.5201	0.5155
50.69	0.6481	0.6675	0.6481	0.6675	0.5201	0.5164
55.71	0.7370	0.7592	0.7370	0.7592	0.5201	0.5173
60.72	0.8092	0.8253	0.8092	0.8253	0.5201	0.5182
70.71	0.9257	0.9277	0.9255	0.9146	0.5202	0.5199
80.72	0.9845	0.9773	0.9826	0.9831	0.5212	0.5217
90.70	1.0056	0.9948	1.0005	0.9988	0.5232	0.5235
100.65	1.0106	0.9988	1.0022	0.9995	0.5252	0.5253
105.13	1.0120	1.0000	1.0028	1.0000	0.5257	0.5257
112.11	1.0103	0.9986	0.9988	0.9968	0.5275	0.5275
122.13	1.0094	0.9978	0.9946	0.9931	0.5291	0.5291
132.12	1.0092	0.9977	0.9937	0.9924	0.5295	0.5295
142.13	1.0081	0.9968	0.9896	0.9898	0.5313	0.5313
152.11	1.0051	0.9943	0.9847	0.9849	0.5325	0.5325
162.14	1.0055	0.9947	0.9822	0.9826	0.5343	0.5343
172.13	1.0047	0.9940	0.9801	0.9810	0.5351	0.5351
182.14	1.0038	0.9926	0.9783	0.9796	0.5351	0.5351
192.12	1.0017	0.9915	0.9775	0.9788	0.5348	0.5348
202.87	0.9855	0.9781	0.9633	0.9669	0.5335	0.5335

M (NOMINAL)= 1.5

X= 514 MM T0=296.2 K DEL 995= 95.5 MM
RE/M=10 12*10^6 (MEASURED P) ME=0.986 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5343	0.5283
0.69	0.1676	0.1849	0.1676	0.1849	0.5343	0.5284
0.89	0.1658	0.1829	0.1659	0.1829	0.5343	0.5284
1.10	0.1875	0.2068	0.1875	0.2068	0.5343	0.5284
1.29	0.1921	0.2117	0.1921	0.2117	0.5343	0.5284
1.49	0.1970	0.2171	0.1970	0.2171	0.5343	0.5284
1.71	0.1862	0.2054	0.1862	0.2054	0.5343	0.5284
2.20	0.1970	0.2171	0.1970	0.2171	0.5343	0.5285
2.69	0.1998	0.2193	0.1998	0.2193	0.5343	0.5285
3.20	0.2158	0.2377	0.2158	0.2377	0.5343	0.5285
3.69	0.2020	0.2227	0.2020	0.2227	0.5343	0.5286
4.71	0.2267	0.2496	0.2267	0.2496	0.5343	0.5286
6.69	0.2327	0.2561	0.2327	0.2561	0.5343	0.5288
8.69	0.2227	0.2452	0.2227	0.2452	0.5343	0.5289
10.70	0.2454	0.2699	0.2454	0.2699	0.5343	0.5291
12.69	0.2705	0.2972	0.2705	0.2972	0.5343	0.5292
14.69	0.2838	0.3106	0.2838	0.3106	0.5343	0.5294
16.69	0.2827	0.3103	0.2827	0.3103	0.5343	0.5295
18.70	0.3156	0.3458	0.3156	0.3458	0.5343	0.5297
20.70	0.3249	0.3557	0.3249	0.3557	0.5343	0.5298
25.71	0.3758	0.4101	0.3758	0.4101	0.5343	0.5302
30.72	0.4222	0.4598	0.4222	0.4598	0.5343	0.5305
35.71	0.4706	0.5096	0.4706	0.5096	0.5343	0.5309
40.72	0.5316	0.5723	0.5316	0.5723	0.5343	0.5312
45.70	0.5954	0.6366	0.5954	0.6366	0.5343	0.5316
50.69	0.6593	0.6998	0.6593	0.6998	0.5343	0.5320
55.70	0.7157	0.7543	0.7157	0.7543	0.5343	0.5323
60.69	0.7875	0.8219	0.7875	0.8219	0.5343	0.5327
70.71	0.8886	0.9138	0.8886	0.9138	0.5343	0.5334
80.75	0.9574	0.9739	0.9572	0.9752	0.5344	0.5341
90.69	0.9813	0.9943	0.9796	0.9949	0.5353	0.5348
100.62	0.9876	0.9997	0.9859	1.0002	0.5354	0.5355
104.62	0.9888	1.0000	0.9856	1.0000	0.5358	0.5358
112.12	0.9865	0.9987	0.9831	0.9979	0.5364	0.5364
122.12	0.9858	0.9982	0.9816	0.9966	0.5369	0.5369
132.14	0.9863	0.9986	0.9813	0.9963	0.5374	0.5374
142.14	0.9839	0.9966	0.9781	0.9936	0.5379	0.5379
152.11	0.9840	0.9966	0.9776	0.9931	0.5383	0.5383
162.11	0.9827	0.9955	0.9762	0.9918	0.5383	0.5383
172.13	0.9813	0.9943	0.9744	0.9985	0.5385	0.5385
182.17	0.9810	0.9940	0.9729	0.9891	0.5393	0.5393
192.11	0.9804	0.9935	0.9723	0.9886	0.5393	0.5393
202.84	0.9618	0.9777	0.9536	0.9726	0.5393	0.5393

M (NOMINAL)= 1 5

X= 612 MM T0=295 3 K DEL 995= 99 1 MM
RE/M= 9 97*10^6 (MEASURED P) ME=0 963 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5457	0 5457
0 69	0 2075	0 2323	0 2075	0 2323	0 5457	0 5457
0 89	0 2229	0 2494	0 2229	0 2494	0 5457	0 5457
1 11	0 2221	0 2486	0 2221	0 2486	0 5457	0 5457
1 30	0 2259	0 2518	0 2259	0 2518	0 5457	0 5457
1 49	0 2424	0 2711	0 2424	0 2711	0 5457	0 5457
1 69	0 2310	0 2584	0 2310	0 2584	0 5457	0 5457
2 19	0 2302	0 2576	0 2302	0 2576	0 5457	0 5457
2 69	0 2572	0 2874	0 2572	0 2874	0 5457	0 5457
3 19	0 2525	0 2822	0 2525	0 2822	0 5457	0 5457
3 69	0 2629	0 2936	0 2629	0 2936	0 5457	0 5457
4 69	0 2485	0 2778	0 2485	0 2778	0 5457	0 5457
6 69	0 2858	0 3188	0 2858	0 3188	0 5457	0 5457
8 69	0 2789	0 3112	0 2789	0 3112	0 5457	0 5457
10 70	0 2885	0 3218	0 2885	0 3218	0 5457	0 5457
12 72	0 3119	0 3475	0 3119	0 3475	0 5457	0 5457
14 70	0 3244	0 3611	0 3244	0 3611	0 5457	0 5457
16 69	0 3370	0 3748	0 3370	0 3748	0 5457	0 5457
18 70	0 3513	0 3903	0 3513	0 3903	0 5457	0 5457
20 69	0 3528	0 3920	0 3528	0 3920	0 5457	0 5457
25 70	0 4078	0 4513	0 4078	0 4513	0 5457	0 5457
30 70	0 4510	0 4972	0 4510	0 4972	0 5457	0 5457
35 70	0 5063	0 5581	0 5063	0 5581	0 5457	0 5457
40 72	0 5491	0 5998	0 5491	0 5998	0 5457	0 5457
45 69	0 5961	0 6478	0 5961	0 6478	0 5457	0 5457
50 72	0 6566	0 7086	0 6566	0 7086	0 5457	0 5457
55 70	0 7021	0 7534	0 7021	0 7534	0 5457	0 5457
60 69	0 7665	0 8155	0 7665	0 8155	0 5457	0 5457
70 70	0 8488	0 8852	0 8488	0 8852	0 5457	0 5457
80 70	0 9238	0 9603	0 9238	0 9603	0 5457	0 5457
90 69	0 9587	0 9940	0 9587	0 9940	0 5457	0 5457
100 67	0 9659	0 9973	0 9659	0 9973	0 5457	0 5457
112 12	0 9681	0 9992	0 9681	0 9992	0 5457	0 5457
116 12	0 9698	1 0000	0 9698	1 0000	0 5457	0 5457
122 11	0 9681	0 9992	0 9681	0 9992	0 5457	0 5457
132 12	0 9662	0 9975	0 9662	0 9975	0 5457	0 5457
142 14	0 9651	0 9966	0 9651	0 9966	0 5457	0 5457
152 14	0 9646	0 9962	0 9643	0 9959	0 5459	0 5459
162 11	0 9645	0 9961	0 9629	0 9947	0 5467	0 5467
172 12	0 9619	0 9938	0 9603	0 9924	0 5467	0 5467
182 12	0 9614	0 9934	0 9596	0 9920	0 5467	0 5467
192 11	0 9606	0 9927	0 9589	0 9912	0 5467	0 5467
202 09	0 9447	0 9787	0 9430	0 9773	0 5467	0 5467

M (NOMINAL)= 1 5

X= 710 MM T0=295 4 K DEL 995=103 7 MM
RE/M= 9 93*10^6 (MEASURED P) ME=0 953 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5552	0 5552
0 69	0 2683	0 3036	0 2683	0 3038	0 5552	0 5552
0 89	0 2461	0 2790	0 2461	0 2790	0 5552	0 5552
1 09	0 2583	0 2926	0 2583	0 2926	0 5552	0 5552
1 29	0 2763	0 3127	0 2763	0 3127	0 5552	0 5552
1 50	0 2760	0 3124	0 2760	0 3124	0 5552	0 5552
1 70	0 2708	0 3147	0 2708	0 3147	0 5552	0 5552
2 20	0 2889	0 3269	0 2889	0 3269	0 5552	0 5552
2 69	0 2827	0 3199	0 2827	0 3199	0 5552	0 5552
3 20	0 3066	0 3465	0 3066	0 3465	0 5552	0 5552
3 70	0 3140	0 3547	0 3140	0 3547	0 5552	0 5552
4 70	0 3162	0 3571	0 3162	0 3571	0 5552	0 5552
6 69	0 3225	0 3641	0 3225	0 3641	0 5552	0 5552
8 71	0 3294	0 3717	0 3294	0 3717	0 5552	0 5552
10 70	0 3370	0 3801	0 3370	0 3801	0 5552	0 5552
12 70	0 3511	0 3956	0 3511	0 3956	0 5552	0 5552
14 72	0 3532	0 3979	0 3532	0 3979	0 5552	0 5552
16 79	0 3759	0 4228	0 3759	0 4228	0 5552	0 5552
18 71	0 3912	0 4395	0 3912	0 4395	0 5552	0 5552
20 69	0 4036	0 4538	0 4036	0 4538	0 5552	0 5552
25 70	0 4335	0 4854	0 4335	0 4854	0 5552	0 5552
30 71	0 4710	0 5257	0 4710	0 5257	0 5552	0 5552
35 71	0 5207	0 5785	0 5207	0 5785	0 5552	0 5552
40 69	0 5666	0 6264	0 5666	0 6264	0 5552	0 5552
45 70	0 6095	0 6708	0 6095	0 6708	0 5552	0 5552
50 69	0 6574	0 7194	0 6574	0 7194	0 5552	0 5552
55 70	0 6978	0 7598	0 6978	0 7598	0 5552	0 5552
60 69	0 7477	0 8083	0 7472	0 8081	0 5552	0 5552
70 71	0 8412	0 8981	0 8412	0 8981	0 5552	0 5552
80 72	0 8938	0 9467	0 8938	0 9467	0 5552	0 5552
90 69	0 9316	0 9889	0 9316	0 9889	0 5552	0 5552
100 67	0 9474	0 9958	0 9474	0 9958	0 5552	0 5552
112 12	0 9521	0 9992	0 9521	0 9992	0 5552	0 5552
122 11	0 9538	1 0000	0 9538	1 0000	0 5552	0 5552
132 13	0 9517	0 9988	0 9517	0 9988	0 5552	0 5552
142 11	0 9509	0 9981	0 9509	0 9981	0 5552	0 5552
152 11	0 9499	0 9972	0 9499	0 9972	0 5552	0 5552
162 11	0 9486	0 9961	0 9486	0 9961	0 5552	0 5552
172 13	0 9481	0 9957	0 9481	0 9957	0 5552	0 5552
182 14	0 9463	0 9941	0 9463	0 9941	0 5552	0 5552
192 11	0 9462	0 9940	0 9462	0 9940	0 5552	0 5552
202 09	0 9321	0 9814	0 9321	0 9814	0 5552	0 5552

M (NOMINAL)= 1 5

X= 808 MM T0=295 3 K DEL 995=107 5 MM
RE/M= 9 84*10^6 (MEASURED P) ME=0 937 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5652	0 5652
0 69	0 2763	0 3173	0 2763	0 3173	0 5652	0 5652
0 90	0 2838	0 3248	0 2838	0 3248	0 5652	0 5652
1 09	0 2857	0 3279	0 2857	0 3279	0 5652	0 5652
1 30	0 2910	0 3339	0 2910	0 3339	0 5652	0 5652
1 49	0 3059	0 3507	0 3059	0 3507	0 5652	0 5652
1 70	0 2936	0 3368	0 2936	0 3368	0 5652	0 5652
2 19	0 3099	0 3552	0 3099	0 3552	0 5652	0 5652
2 69	0 3228	0 3688	0 3228	0 3688	0 5652	0 5652
3 19	0 3275	0 3749	0 3275	0 3749	0 5652	0 5652
3 71	0 3218	0 3685	0 3218	0 3685	0 5652	0 5652
4 69	0 3324	0 3805	0 3324	0 3805	0 5652	0 5652
6 72	0 3549	0 4056	0 3549	0 4056	0 5652	0 5652
8 71	0 3619	0 4133	0 3619	0 4133	0 5652	0 5652
10 69	0 3749	0 4278	0 3749	0 4278	0 5652	0 5652
12 70	0 3773	0 4305	0 3773	0 4305	0 5652	0 5652
14 70	0 3911	0 4458	0 3911	0 4458	0 5652	0 5652
16 69	0 4037	0 4597	0 4037	0 4597	0 5652	0 5652
18 70	0 4157	0 4730	0 4157	0 4730	0 5652	0 5652
20 71	0 4177	0 4751	0 4177	0 4751	0 5652	0 5652
25 70	0 4585	0 5197	0 4585	0 5197	0 5652	0 5652
30 70	0 4970	0 5614	0 4970	0 5614	0 5652	0 5652
35 70	0 5419	0 6094	0 5419	0 6094	0 5652	0 5652
40 71	0 5723	0 6416	0 5723	0 6416	0 5652	0 5652
45 70	0 6163	0 6875	0 6163	0 6875	0 5652	0 5652
50 69	0 6467	0 7189	0 6467	0 7189	0 5652	0 5652
55 72	0 6959	0 7689	0 6959	0 7689	0 5652	0 5652
60 70	0 7428	0 8157	0 7428	0 8157	0 5652	0 5652
70 69	0 8088	0 8793	0 8088	0 8793	0 5652	0 5652
80 70	0 8743	0 9422	0 8743	0 9422	0 5652	0 5652
90 69	0 9071	0 9727	0 9071	0 9727	0 5652	0 5652
100 67	0 9249	0 9898	0 9249	0 9898	0 5652	0 5652
112 11	0 9325	0 9959	0 9325	0 9959	0 5652	0 5652
122 13	0 9378	1 0000	0 9378	1 0000	0 5652	0 5652
132 12	0 9378	1 0000	0 9370	1 0000	0 5652	0 5652
142 13	0 9345	0 9977	0 9345	0 9977	0 5652	0 5652
152 11	0 9343	0 9975	0 9343	0 9975	0 5652	0 5652
162 12	0 9336	0 9969	0 9336	0 9969	0 5652	0 5652
172 11	0 9313	0 9948	0 9313	0 9948	0 5652	0 5652
182 12	0 9308	0 9944	0 9308	0 9944	0 5652	0 5652
192 11	0 9288	0 9925	0 9288	0 9925	0 5652	0 5652
202 09	0 9086	0 9667	0 9086	0 9667	0 5652	0 5652

M (NOMINAL)= 1 5

X= 906 MM T0=295 0 K DEL 995=111 0 MM
RE/M= 9 76*10^6 (MEASURED P) ME=0 919 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5755	0 5755
0 69	0 2827	0 3299	0 2827	0 3299	0 5755	0 5755
0 90	0 2967	0 3460	0 2967	0 3460	0 5755	0 5755
1 09	0 3005	0 3504	0 3005	0 3504	0 5755	0 5755
1 31	0 3093	0 3605	0 3093	0 3605	0 5755	0 5755
1 51	0 3172	0 3695	0 3172	0 3695	0 5755	0 5755
1 71	0 3249	0 3782	0 3249	0 3782	0 5755	0 5755
2 19	0 3296	0 3837	0 3296	0 3837	0 5755	0 5755
2 69	0 3416	0 3973	0 3416	0 3973	0 5755	0 5755
3 19	0 3498	0 4057	0 3498	0 4057	0 5755	0 5755
3 70	0 3581	0 4168	0 3581	0 4168	0 5755	0 5755
4 69	0 3708	0 4304	0 3708	0 4304	0 5755	0 5755
6 69	0 3755	0 4357	0 3755	0 4357	0 5755	0 5755
8 69	0 3857	0 4472	0 3857	0 4472	0 5755	0 5755
10 69	0 3913	0 4535	0 3913	0 4535	0 5755	0 5755
12 69	0 4035	0 4672	0 4035	0 4672	0 5755	0 5755
14 70	0 4125	0 4773	0 4125	0 4773	0 5755	0 5755
16 69	0 4215	0 4872	0 4215	0 4872	0 5755	0 5755
18 69	0 4408	0 5088	0 4408	0 5088	0 5755	0 5755
20 70	0 4544	0 5238	0 4544	0 5238	0 5755	0 5755
25 69	0 4787	0 5507	0 4787	0 5507	0 5755	0 5755
30 69	0 5120	0 5871	0 5120	0 5871	0 5755	0 5755
35 70	0 5419	0 6196	0 5419	0 6196	0 5755	0 5755
40 69	0 5747	0 6549	0 5747	0 6549	0 5755	0 5755
45 70	0 6199	0 7027	0 6199	0 7027	0 5755	0 5755
50 71	0 6476	0 7318	0 6476	0 7318	0 5755	0 5755
55 72	0 6815	0 7670	0 6815	0 7670	0 5755	0 5755
60 70	0 7065	0 7926	0 7065	0 7926	0 5755	0 5755
70 70	0 7915	0 8778	0 7915	0 8778	0 5755	0 5755
80 69	0 8436	0 9286	0 8436	0 9286	0 5755	0 5755
90 71	0 8872	0 9702	0 8872	0 9702	0 5755	0 5755
100 62	0 9073	0 9891	0 9073	0 9891	0 5755	0 5755
112 11	0 9165	0 9977	0 9165	0 9977	0 5755	0 5755
118 11	0 9198	1 0000	0 9198	1 0000	0 5755	0 5755
122 12	0 9159	0 9971	0 9159	0 9971	0 5755	0 5755
132 11	0 9196	1 0006	0 9196	1 0006	0 5755	0 5755
142 11	0 9181	0 9991	0 9181	0 9991	0 5755	0 5755
152 13	0 9168	0 9979	0 9168	0 9979	0 5755	0 5755
162 12	0 9156	0 9968	0 9156	0 9968	0 5755	0 5755
172 12	0 9153	0 9966	0 9153	0 9966	0 5755	0 5755
182 11	0 9147	0 9960	0 9147	0 9960	0 5755	0 5755
192 15	0 9126	0 9940	0 9126	0 9940	0 5755	0 5755
202 04	0 8838	0 9678	0 8838	0 9678	0 5755	0 5755

Table 2 (continued)

M (NOMINAL)= 1 5

X= 1004 MM T0=295 0 K DEL 995=114 6 MM
RE/M= 9 70*10^6 (MEASURED P) ME=0 906 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5830	0 5830
0 69	0 3118	0 3670	0 3118	0 3670	0 5830	0 5830
0 98	0 3258	0 3839	0 3258	0 3839	0 5830	0 5830
1 18	0 3318	0 3908	0 3318	0 3908	0 5830	0 5830
1 29	0 3368	0 3966	0 3368	0 3966	0 5830	0 5830
1 51	0 3417	0 4023	0 3417	0 4023	0 5830	0 5830
1 69	0 3567	0 4195	0 3567	0 4195	0 5830	0 5830
2 19	0 3670	0 4313	0 3670	0 4313	0 5830	0 5830
2 69	0 3688	0 4241	0 3688	0 4241	0 5830	0 5830
3 21	0 3703	0 4359	0 3703	0 4359	0 5830	0 5830
3 69	0 3969	0 4654	0 3969	0 4654	0 5830	0 5830
4 72	0 3855	0 4524	0 3855	0 4524	0 5830	0 5830
6 72	0 4049	0 4745	0 4049	0 4745	0 5830	0 5830
8 72	0 4130	0 4836	0 4130	0 4836	0 5830	0 5830
10 69	0 4382	0 5122	0 4382	0 5122	0 5830	0 5830
12 70	0 4286	0 5013	0 4286	0 5013	0 5830	0 5830
14 70	0 4322	0 5053	0 4322	0 5053	0 5830	0 5830
16 69	0 4471	0 5221	0 4471	0 5221	0 5830	0 5830
18 71	0 4533	0 5290	0 4533	0 5290	0 5830	0 5830
20 69	0 4706	0 5494	0 4706	0 5494	0 5830	0 5830
25 69	0 4954	0 5790	0 4954	0 5790	0 5830	0 5830
30 69	0 5276	0 6165	0 5276	0 6165	0 5830	0 5830
35 70	0 5491	0 6354	0 5491	0 6354	0 5830	0 5830
40 73	0 5816	0 6793	0 5816	0 6793	0 5830	0 5830
45 69	0 6222	0 7139	0 6222	0 7139	0 5830	0 5830
50 71	0 6450	0 7388	0 6450	0 7388	0 5830	0 5830
55 69	0 6848	0 7797	0 6848	0 7797	0 5830	0 5830
60 70	0 7166	0 8127	0 7166	0 8127	0 5830	0 5830
70 70	0 7736	0 8787	0 7736	0 8787	0 5830	0 5830
80 69	0 8267	0 9235	0 8267	0 9235	0 5830	0 5830
90 71	0 8657	0 9614	0 8657	0 9614	0 5830	0 5830
100 67	0 8918	0 9865	0 8918	0 9865	0 5830	0 5830
112 11	0 9023	0 9965	0 9023	0 9965	0 5830	0 5830
122 11	0 9058	0 9998	0 9058	0 9998	0 5830	0 5830
127 11	0 9060	1 0000	0 9060	1 0000	0 5830	0 5830
132 11	0 9055	0 9996	0 9055	0 9996	0 5830	0 5830
142 15	0 9060	1 0000	0 9060	1 0000	0 5830	0 5830
152 13	0 9055	0 9996	0 9055	0 9996	0 5830	0 5830
162 12	0 9046	0 9986	0 9046	0 9986	0 5830	0 5830
172 12	0 9035	0 9976	0 9035	0 9976	0 5830	0 5830
182 11	0 9021	0 9963	0 9021	0 9963	0 5830	0 5830
192 13	0 8956	0 9901	0 8956	0 9901	0 5830	0 5830
202 09	0 8721	0 9676	0 8721	0 9676	0 5830	0 5830

M (NOMINAL)= 1 5

X= 1146 MM T0=296 6 K DEL 995=120 9 MM
RE/M= 9 40*10^6 (MEASURED P) ME=0 892 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5985	0 5985
0 66	0 3635	0 4353	0 3635	0 4353	0 5985	0 5985
0 87	0 3663	0 4362	0 3663	0 4362	0 5985	0 5985
1 06	0 3740	0 4452	0 3740	0 4452	0 5985	0 5985
1 26	0 3757	0 4472	0 3757	0 4472	0 5985	0 5985
1 58	0 3918	0 4658	0 3918	0 4658	0 5985	0 5985
1 66	0 3889	0 4625	0 3889	0 4625	0 5985	0 5985
2 16	0 3968	0 4787	0 3968	0 4787	0 5985	0 5985
2 66	0 4823	0 4779	0 4823	0 4779	0 5985	0 5985
3 17	0 4045	0 4085	0 4045	0 4085	0 5985	0 5985
3 70	0 4181	0 4968	0 4181	0 4968	0 5985	0 5985
4 67	0 4291	0 5086	0 4291	0 5086	0 5985	0 5985
6 66	0 4359	0 5164	0 4359	0 5164	0 5985	0 5985
8 66	0 4393	0 5203	0 4393	0 5203	0 5985	0 5985
10 66	0 4585	0 5330	0 4585	0 5330	0 5985	0 5985
12 66	0 4671	0 5518	0 4671	0 5518	0 5985	0 5985
14 67	0 4759	0 5618	0 4759	0 5618	0 5985	0 5985
16 66	0 4765	0 5625	0 4765	0 5625	0 5985	0 5985
18 67	0 4873	0 5747	0 4873	0 5747	0 5985	0 5985
20 67	0 5028	0 5921	0 5028	0 5921	0 5985	0 5985
25 66	0 5197	0 6118	0 5197	0 6118	0 5985	0 5985
30 67	0 5488	0 6346	0 5488	0 6346	0 5985	0 5985
35 70	0 5586	0 6541	0 5586	0 6541	0 5985	0 5985
40 67	0 5932	0 6928	0 5932	0 6928	0 5985	0 5985
45 70	0 6195	0 7286	0 6195	0 7286	0 5985	0 5985
50 77	0 6444	0 7473	0 6444	0 7473	0 5985	0 5985
55 71	0 6718	0 7758	0 6718	0 7758	0 5985	0 5985
60 67	0 6864	0 7928	0 6864	0 7928	0 5985	0 5985
70 67	0 7477	0 8559	0 7477	0 8559	0 5985	0 5985
80 76	0 8085	0 9096	0 8085	0 9096	0 5985	0 5985
90 71	0 8378	0 9469	0 8378	0 9469	0 5985	0 5985
100 65	0 8566	0 9635	0 8566	0 9635	0 5985	0 5985
112 43	0 8817	0 9900	0 8817	0 9900	0 5985	0 5985
122 44	0 8891	0 9971	0 8891	0 9971	0 5985	0 5985
132 44	0 8985	0 9985	0 8985	0 9985	0 5985	0 5985
142 44	0 8920	1 0000	0 8920	1 0000	0 5985	0 5985
152 54	0 8920	1 0000	0 8920	1 0000	0 5985	0 5985
162 44	0 8986	0 9986	0 8986	0 9986	0 5985	0 5985
172 44	0 8887	0 9968	0 8887	0 9968	0 5985	0 5985
182 53	0 8891	0 9972	0 8891	0 9972	0 5985	0 5985
192 48	0 8828	0 9901	0 8828	0 9901	0 5985	0 5985
202 42	0 8557	0 9646	0 8557	0 9646	0 5985	0 5985

M (NOMINAL)= 1 5

X= 1240 MM T0=299 7 K DEL 995=123 4 MM
RE/M= 9 39*10^6 (MEASURED P) ME=0 885 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/P,'	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 5956	0 5956
0 66	0 1706	0 4443	0 1706	0 4443	0 5956	0 5956
0 87	0 1848	0 4688	0 1848	0 4688	0 5956	0 5956
1 07	0 4859	0 4853	0 4859	0 4853	0 5956	0 5956
1 26	0 3955	0 4733	0 3955	0 4733	0 5956	0 5956
1 46	0 4086	0 4085	0 4086	0 4085	0 5956	0 5956
1 66	0 4095	0 4095	0 4095	0 4095	0 5956	0 5956
2 16	0 4152	0 4961	0 4152	0 4961	0 5956	0 5956
2 67	0 4313	0 5147	0 4313	0 5147	0 5956	0 5956
3 16	0 4339	0 5176	0 4339	0 5176	0 5956	0 5956
3 67	0 4345	0 5184	0 4345	0 5184	0 5956	0 5956
4 67	0 4412	0 5260	0 4412	0 5260	0 5956	0 5956
6 66	0 4544	0 5411	0 4544	0 5411	0 5956	0 5956
8 66	0 4667	0 5552	0 4667	0 5552	0 5956	0 5956
10 67	0 4692	0 5581	0 4692	0 5581	0 5956	0 5956
12 66	0 4883	0 5797	0 4883	0 5797	0 5956	0 5956
14 70	0 4945	0 5868	0 4945	0 5868	0 5956	0 5956
16 67	0 4982	0 5909	0 4982	0 5909	0 5956	0 5956
18 66	0 5067	0 6005	0 5067	0 6005	0 5956	0 5956
20 65	0 5215	0 6172	0 5215	0 6172	0 5956	0 5956
25 67	0 5319	0 6288	0 5319	0 6288	0 5956	0 5956
30 66	0 5577	0 6576	0 5577	0 6576	0 5956	0 5956
35 65	0 5838	0 6856	0 5838	0 6856	0 5956	0 5956
40 65	0 6032	0 7077	0 6032	0 7077	0 5956	0 5956
45 67	0 6335	0 7407	0 6335	0 7407	0 5956	0 5956
50 66	0 6547	0 7636	0 6547	0 7636	0 5956	0 5956
55 74	0 6728	0 7829	0 6728	0 7829	0 5956	0 5956
60 66	0 6958	0 8065	0 6958	0 8065	0 5956	0 5956
70 67	0 7476	0 8616	0 7476	0 8616	0 5956	0 5956
80 66	0 7984	0 9036	0 7984	0 9036	0 5956	0 5956
90 67	0 8213	0 9368	0 8213	0 9368	0 5956	0 5956
101 43	0 8561	0 9715	0 8561	0 9715	0 5956	0 5956
111 44	0 8686	0 9839	0 8686	0 9839	0 5956	0 5956
121 42	0 8825	0 9976	0 8825	0 9976	0 5956	0 5956
131 43	0 8852	1 0002	0 8852	1 0002	0 5956	0 5956
136 42	0 8850	1 0000	0 8850	1 0000	0 5956	0 5956
141 42	0 8846	0 9996	0 8846	0 9996	0 5956	0 5956
151 43	0 8827	0 9977	0 8827	0 9977	0 5956	0 5956
161 43	0 8820	0 9971	0 8820	0 9971	0 5956	0 5956
171 44	0 8825	0 9976	0 8825	0 9976	0 5956	0 5956
181 43	0 8886	0 9957	0 8886	0 9957	0 5956	0 5956
191 44	0 8674	0 9827	0 8674	0 9827	0 5956	0 5956

M (NOMINAL)= 1 5

X= 1534 MM T0=296 6 K DEL 995=134 4 MM
RE/M= 9 29*10^6 (MEASURED P) ME=0 859 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6893	0 6893
0 66	0 3996	0 4986	0 3996	0 4986	0 6893	0 6893
0 86	0 4028	0 4934	0 4028	0 4934	0 6893	0 6893
1 06	0 4170	0 5113	0 4170	0 5113	0 6893	0 6893
1 30	0 4231	0 5185	0 4231	0 5185	0 6893	0 6893
1 47	0 4268	0 5218	0 4268	0 5218	0 6893	0 6893
1 66	0 4284	0 5247	0 4284	0 5247	0 6893	0 6893
2 16	0 4488	0 5488	0 4488	0 5488	0 6893	0 6893
2 66	0 4517	0 5522	0 4517	0 5522	0 6893	0 6893
3 21	0 4551	0 5561	0 4551	0 5561	0 6893	0 6893
3 66	0 4568	0 5571	0 4568	0 5571	0 6893	0 6893
4 67	0 4746	0 5798	0 4746	0 5798	0 6893	0 6893
6 67	0 4898	0 5967	0 4898	0 5967	0 6893	0 6893
8 66	0 4939	0 6015	0 4939	0 6015	0 6893	0 6893
10 66	0 5118	0 6222	0 5118	0 6222	0 6893	0 6893
12 66	0 5171	0 6283	0 5171	0 6283	0 6893	0 6893
14 77	0 5148	0 6256	0 5148	0 6256	0 6893	0 6893
16 67	0 5267	0 6394	0 5267	0 6394	0 6893	0 6893
18 66	0 5312	0 6445	0 5312	0 6445	0 6893	0 6893
20 67	0 5458	0 6612	0 5458	0 6612	0 6893	0 6893
25 67	0 5491	0 6658	0 5491	0 6658	0 6893	0 6893
30 71	0 5648	0 6829	0 5648	0 6829	0 6893	0 6893
35 66	0 5859	0 7068	0 5859	0 7068	0 6893	0 6893
40 66	0 6046	0 7278	0 6046	0 7278	0 6893	0 6893
45 66	0 6121	0 7363	0 6121	0 7363	0 6893	0 6893
50 67	0 6366	0 7636	0 6366	0 7636	0 6893	0 6893
55 66	0 6533	0 7820	0 6533	0 7820	0 6893	0 6893
60 66	0 6720	0 8026	0 6720	0 8026	0 6893	0 6893
70 70	0 6998	0 8329	0 6998	0 8329	0 6893	0 6893
80 66	0 7485	0 8766	0 7485	0 8766	0 6893	0 6893
90 71	0 7783	0 9166	0 7783	0 9166	0 6893	0 6893
100 57	0 8033	0 9427	0 8033	0 9427	0 6893	0 6893
112 43	0 8295	0 9699	0 8295	0 9699	0 6893	0 6893
122 44	0 8458	0 9865	0 8458	0 9865	0 6893	0 6893
132 48	0 8537	0 9946	0 8537	0 9946	0 6893	0 6893
142 43	0 8563	0 9972	0 8563	0 9972	0 6893	0 6893
152 44	0 8595	1 0005	0 8595	1 0005	0 6893	0 6893
162 43	0 8598	1 0008	0 8598	1 0008	0 6893	0 6893
182 43	0 8585	0 9995	0 8585	0 9995	0 6893	0 6893
192 48	0 8554	0 9963	0 8554	0 9963	0 6893	0 6893
202 34	0 8386	0 9710	0 8386	0 9710	0 6893	0 6893

Table 2 (concluded)

M (NOMINAL)= 1.5

X= 1925 MM T0=296.9 K. DEL.995=146.1 MM
RE/M= 9.26*10^6 (MEASURED P) ME=0.836 (MEASURED P).

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6227	0.6227
0.66	0.4086	0.5633	0.4086	0.5633	0.6227	0.6227
0.87	0.4820	0.5853	0.4820	0.5853	0.6227	0.6227
1.07	0.4152	0.5213	0.4152	0.5213	0.6227	0.6227
1.33	0.4244	0.5324	0.4244	0.5324	0.6227	0.6227
1.51	0.4308	0.5402	0.4308	0.5402	0.6227	0.6227
1.69	0.4414	0.5530	0.4414	0.5530	0.6227	0.6227
2.16	0.4538	0.5678	0.4538	0.5678	0.6227	0.6227
2.67	0.4682	0.5853	0.4682	0.5853	0.6227	0.6227
3.16	0.4739	0.5921	0.4739	0.5921	0.6227	0.6227
3.66	0.4769	0.5957	0.4769	0.5957	0.6227	0.6227
4.71	0.4899	0.6111	0.4899	0.6111	0.6227	0.6227
6.66	0.5019	0.6254	0.5019	0.6254	0.6227	0.6227
8.72	0.5140	0.6397	0.5140	0.6397	0.6227	0.6227
10.67	0.5258	0.6537	0.5258	0.6537	0.6227	0.6227
12.67	0.5383	0.6689	0.5383	0.6689	0.6227	0.6227
14.66	0.5394	0.6696	0.5394	0.6696	0.6227	0.6227
16.66	0.5486	0.6804	0.5486	0.6804	0.6227	0.6227
18.78	0.5518	0.6841	0.5518	0.6841	0.6227	0.6227
20.66	0.5586	0.6827	0.5586	0.6827	0.6227	0.6227
25.67	0.5671	0.7028	0.5671	0.7028	0.6227	0.6227
30.67	0.5739	0.7099	0.5739	0.7099	0.6227	0.6227
35.71	0.5913	0.7308	0.5913	0.7308	0.6227	0.6227
40.66	0.6099	0.7514	0.6099	0.7514	0.6227	0.6227
45.67	0.6169	0.7594	0.6169	0.7594	0.6227	0.6227
50.67	0.6249	0.7686	0.6249	0.7686	0.6227	0.6227
55.67	0.6325	0.7772	0.6325	0.7772	0.6227	0.6227
60.71	0.6493	0.7963	0.6493	0.7963	0.6227	0.6227
70.67	0.6904	0.8424	0.6904	0.8424	0.6227	0.6227
80.70	0.7171	0.8720	0.7171	0.8720	0.6227	0.6227
90.74	0.7363	0.8932	0.7363	0.8932	0.6227	0.6227
100.68	0.7668	0.9263	0.7668	0.9263	0.6227	0.6227
112.44	0.7984	0.9516	0.7984	0.9516	0.6227	0.6227
122.43	0.8062	0.9685	0.8062	0.9685	0.6227	0.6227
132.44	0.8220	0.9852	0.8220	0.9852	0.6227	0.6227
142.43	0.8282	0.9918	0.8282	0.9918	0.6227	0.6227
152.44	0.8342	0.9981	0.8342	0.9981	0.6227	0.6227
162.48	0.8337	0.9976	0.8337	0.9976	0.6227	0.6227
172.44	0.8360	1.0000	0.8360	1.0000	0.6227	0.6227
182.47	0.8252	0.9991	0.8252	0.9991	0.6227	0.6227
192.51	0.8187	0.9818	0.8187	0.9818	0.6227	0.6227
202.37	0.7996	0.9615	0.7996	0.9615	0.6227	0.6227

M (NOMINAL)= 1.5

X= 2317 MM T0=296.1 K. DEL.995=154.6 MM
RE/M= 9.13*10^6 (MEASURED P) ME=0.817 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6313	0.6313
0.66	0.4236	0.5424	0.4236	0.5424	0.6313	0.6313
0.86	0.4182	0.5357	0.4182	0.5357	0.6313	0.6313
1.07	0.4279	0.5476	0.4279	0.5476	0.6313	0.6313
1.27	0.4356	0.5572	0.4356	0.5572	0.6313	0.6313
1.47	0.4444	0.5681	0.4444	0.5681	0.6313	0.6313
1.67	0.4553	0.5814	0.4553	0.5814	0.6313	0.6313
2.17	0.4614	0.5888	0.4614	0.5888	0.6313	0.6313
2.67	0.4779	0.6098	0.4779	0.6098	0.6313	0.6313
3.17	0.4849	0.6175	0.4849	0.6175	0.6313	0.6313
3.66	0.4989	0.6248	0.4989	0.6248	0.6313	0.6313
4.67	0.5038	0.6404	0.5038	0.6404	0.6313	0.6313
6.67	0.5213	0.6616	0.5213	0.6616	0.6313	0.6313
8.67	0.5326	0.6752	0.5326	0.6752	0.6313	0.6313
10.66	0.5377	0.6813	0.5377	0.6813	0.6313	0.6313
12.66	0.5468	0.6922	0.5468	0.6922	0.6313	0.6313
14.66	0.5539	0.7007	0.5539	0.7007	0.6313	0.6313
16.67	0.5599	0.7078	0.5599	0.7078	0.6313	0.6313
18.66	0.5651	0.7140	0.5651	0.7140	0.6313	0.6313
20.66	0.5727	0.7230	0.5727	0.7230	0.6313	0.6313
25.66	0.5845	0.7369	0.5845	0.7369	0.6313	0.6313
30.66	0.6000	0.7562	0.6000	0.7562	0.6313	0.6313
35.66	0.6029	0.7585	0.6029	0.7585	0.6313	0.6313
40.66	0.6066	0.7629	0.6066	0.7629	0.6313	0.6313
45.66	0.6179	0.7761	0.6179	0.7761	0.6313	0.6313
50.67	0.6215	0.7928	0.6215	0.7928	0.6313	0.6313
55.66	0.6376	0.7998	0.6376	0.7998	0.6313	0.6313
60.67	0.6446	0.8071	0.6446	0.8071	0.6313	0.6313
70.66	0.6708	0.8373	0.6708	0.8373	0.6313	0.6313
80.66	0.6999	0.8704	0.6999	0.8704	0.6313	0.6313
90.66	0.7146	0.8870	0.7146	0.8870	0.6313	0.6313
100.62	0.7322	0.9069	0.7322	0.9069	0.6313	0.6313
112.43	0.7681	0.9378	0.7681	0.9378	0.6313	0.6313
122.43	0.7816	0.9615	0.7816	0.9615	0.6313	0.6313
132.43	0.7895	0.9702	0.7895	0.9702	0.6313	0.6313
142.43	0.8012	0.9828	0.8012	0.9828	0.6313	0.6313
152.44	0.8127	0.9953	0.8127	0.9953	0.6313	0.6313
162.44	0.8156	0.9985	0.8156	0.9985	0.6313	0.6313
172.43	0.8178	1.0000	0.8178	1.0000	0.6313	0.6313
182.43	0.8098	0.9922	0.8098	0.9922	0.6313	0.6313
192.43	0.7998	0.9814	0.7998	0.9814	0.6313	0.6313
202.39	0.7831	0.9631	0.7831	0.9631	0.6313	0.6313

M (NOMINAL)= 1.5

X= 2708 MM T0=300.6 K. DEL.995=162.8 MM
RE/M= 8.62*10^6 (MEASURED P) ME=0.792 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6392	0.6392
0.66	0.4222	0.5557	0.4222	0.5557	0.6392	0.6392
0.86	0.4312	0.5671	0.4312	0.5671	0.6392	0.6392
1.06	0.4388	0.5667	0.4388	0.5667	0.6392	0.6392
1.27	0.4441	0.5834	0.4441	0.5834	0.6392	0.6392
1.47	0.4464	0.5863	0.4464	0.5863	0.6392	0.6392
1.67	0.4613	0.6051	0.4613	0.6051	0.6392	0.6392
2.16	0.4785	0.6167	0.4785	0.6167	0.6392	0.6392
2.66	0.4754	0.6228	0.4754	0.6228	0.6392	0.6392
3.16	0.4938	0.6459	0.4938	0.6459	0.6392	0.6392
3.66	0.5004	0.6541	0.5004	0.6541	0.6392	0.6392
4.65	0.5078	0.6632	0.5078	0.6632	0.6392	0.6392
6.65	0.5178	0.6757	0.5178	0.6757	0.6392	0.6392
8.66	0.5302	0.6918	0.5302	0.6918	0.6392	0.6392
10.66	0.5381	0.7007	0.5381	0.7007	0.6392	0.6392
12.66	0.5412	0.7045	0.5412	0.7045	0.6392	0.6392
14.66	0.5556	0.7222	0.5556	0.7222	0.6392	0.6392
16.66	0.5614	0.7294	0.5614	0.7294	0.6392	0.6392
18.66	0.5674	0.7367	0.5674	0.7367	0.6392	0.6392
20.66	0.5674	0.7367	0.5674	0.7367	0.6392	0.6392
25.67	0.5845	0.7575	0.5845	0.7575	0.6392	0.6392
30.66	0.5865	0.7599	0.5865	0.7599	0.6392	0.6392
35.66	0.5908	0.7738	0.5908	0.7738	0.6392	0.6392
40.66	0.6852	0.7825	0.6852	0.7825	0.6392	0.6392
45.66	0.6163	0.7959	0.6163	0.7959	0.6392	0.6392
50.65	0.6262	0.8077	0.6262	0.8077	0.6392	0.6392
55.66	0.6242	0.8053	0.6242	0.8053	0.6392	0.6392
60.66	0.6461	0.8314	0.6461	0.8314	0.6392	0.6392
70.66	0.6582	0.8458	0.6582	0.8458	0.6392	0.6392
80.67	0.6745	0.8658	0.6745	0.8658	0.6392	0.6392
90.67	0.6934	0.8871	0.6934	0.8871	0.6392	0.6392
100.65	0.7065	0.9024	0.7065	0.9024	0.6392	0.6392
111.43	0.7349	0.9352	0.7349	0.9352	0.6392	0.6392
121.43	0.7495	0.9519	0.7495	0.9519	0.6392	0.6392
131.43	0.7613	0.9654	0.7613	0.9654	0.6392	0.6392
141.43	0.7752	0.9811	0.7752	0.9811	0.6392	0.6392
151.42	0.7837	0.9906	0.7837	0.9906	0.6392	0.6392
161.43	0.7893	0.9970	0.7893	0.9970	0.6392	0.6392
171.43	0.7928	1.0000	0.7928	1.0000	0.6392	0.6392
181.44	0.7857	0.9929	0.7857	0.9929	0.6392	0.6392
191.44	0.7773	0.9835	0.7773	0.9835	0.6392	0.6392
201.42	0.7686	0.9736	0.7686	0.9736	0.6392	0.6392

M (NOMINAL)= 1.5

X= 2904 MM T0=295.0 K. DEL.995=161.4 MM
RE/M= 8.00*10^6 (MEASURED P) ME=0.781 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6433	0.6433
0.66	0.4249	0.5661	0.4249	0.5661	0.6433	0.6433
0.87	0.4289	0.5618	0.4289	0.5618	0.6433	0.6433
1.07	0.4345	0.5784	0.4345	0.5784	0.6433	0.6433
1.25	0.4486	0.5863	0.4486	0.5863	0.6433	0.6433
1.46	0.4532	0.6824	0.4532	0.6824	0.6433	0.6433
1.67	0.4536	0.6829	0.4536	0.6829	0.6433	0.6433
2.17	0.4714	0.6256	0.4714	0.6256	0.6433	0.6433
2.67	0.4814	0.6383	0.4814	0.6383	0.6433	0.6433
3.16	0.4927	0.6526	0.4927	0.6526	0.6433	0.6433
3.66	0.4918	0.6514	0.4918	0.6514	0.6433	0.6433
4.67	0.5059	0.6692	0.5059	0.6692	0.6433	0.6433
6.66	0.5256	0.6940	0.5256	0.6940	0.6433	0.6433
8.66	0.5389	0.7086	0.5389	0.7086	0.6433	0.6433
10.67	0.5467	0.7283	0.5467	0.7283	0.6433	0.6433
12.66	0.5586	0.7251	0.5586	0.7251	0.6433	0.6433
14.67	0.5684	0.7372	0.5684	0.7372	0.6433	0.6433
16.67	0.5663	0.7445	0.5663	0.7445	0.6433	0.6433
18.66	0.5689	0.7477	0.5689	0.7477	0.6433	0.6433
20.66	0.5740	0.7541	0.5740	0.7541	0.6433	0.6433
25.67	0.5851	0.7677	0.5851	0.7677	0.6433	0.6433
30.67	0.5989	0.7748	0.5989	0.7748	0.6433	0.6433
35.67	0.6000	0.7859	0.6000	0.7859	0.6433	0.6433
40.66	0.6067	0.7941	0.6067	0.7941	0.6433	0.6433
45.66	0.6118	0.8004	0.6118	0.8004	0.6433	0.6433
50.67	0.6268	0.8175	0.6268	0.8175	0.6433	0.6433
55.66	0.6264	0.8188	0.6264	0.8188	0.6433	0.6433
60.66	0.6363	0.8301	0.6363	0.8301	0.6433	0.6433
70.67	0.6631	0.8622	0.6631	0.8622	0.6433	0.6433
80.66	0.6694	0.8697	0.6694	0.8697	0.6433	0.6433
90.66	0.6871	0.8908	0.6871	0.8908	0.6433	0.6433
100.64	0.7058	0.9128	0.7058	0.9128	0.6433	0.6433
112.44	0.7277	0.9384	0.7277	0.9384	0.6433	0.6433
122.43	0.7441	0.9576	0.7441	0.9576	0.6433	0.6433
132.44	0.7487	0.9628	0.7487	0.9628	0.6433	0.6433
142.43	0.7669	0.9838	0.7669	0.9838	0.6433	0.6433
152.44	0.7715	0.9892	0.7715	0.9892	0.6433	0.6433
162.43	0.7804	0.9993	0.7804	0.9993	0.6433	0.6433
172.44	0.7818	1.0000	0.7818	1.0000	0.6433	0.6433
182.43	0.7779	0.9964	0.7779	0.9964	0.6433	0.6433
192.43	0.7712	0.9887	0.7712	0.9887	0.6433	0.6433
202.41	0.7696	0.9869	0.7696	0.9869	0.6433	0.6433

Table 3

SUMMARY OF BOUNDARY-LAYER PARAMETERS

$M_0 = 1.270$ $\quad Re/m = 3.66 \times 10^6$

		CONSTANT PW											MEASURED P								CALCULATED P			
X MM	DEL 995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-675.0	35.7	3.66	1.291	6.573	3.156	2.082	1.312	9.228	5.66	2.127	2.169	3.66	1.291	6.573	3.156	2.082	1.312	9.228	2.169	6.573	3.156	2.082	1.312
-481.0	38.3	3.67	1.270	7.404	3.560	2.080	1.329	8.678	6.35	1.992	2.041	3.67	1.270	7.404	3.560	2.080	1.329	8.678	2.041	7.404	3.560	2.080	1.329
-479.0	38.3	3.64	1.267	7.286	3.507	2.078	1.330	8.644	6.25	1.998	2.053	3.64	1.267	7.286	3.507	2.078	1.330	8.644	2.053	7.286	3.507	2.078	1.330
-285.0	40.0	3.67	1.261	7.708	3.739	2.061	1.323	8.635	6.68	2.065	2.111	3.67	1.261	7.708	3.739	2.061	1.323	8.635	2.111	7.708	3.739	2.061	1.323
-187.0	40.7	3.67	1.268	7.841	3.812	2.057	1.313	8.620	6.82	2.099	2.136	3.67	1.268	7.841	3.812	2.057	1.313	8.620	2.136	7.841	3.812	2.057	1.313
-162.0	41.4	3.66	1.270	7.955	3.863	2.059	1.313	8.657	6.91	2.066	2.110	3.66	1.270	7.955	3.863	2.059	1.313	8.657	2.110	7.955	3.863	2.059	1.313
-138.0	40.1	3.67	1.265	8.010	3.888	2.060	1.318	8.254	6.95	2.054	2.089	3.67	1.265	8.010	3.888	2.060	1.318	8.255	2.089	7.997	3.914	2.043	1.309
-115.0	41.3	3.61	1.258	8.327	4.040	2.061	1.327	8.162	7.20	1.996	2.030	3.61	1.266	8.325	4.044	2.059	1.325	8.154	2.024	8.399	3.949	2.127	1.295
-89.0	42.8	3.60	1.215	8.979	4.370	2.055	1.366	7.739	7.70	1.739	1.886	3.61	1.249	9.021	4.389	2.055	1.367	7.697	1.781	9.252	4.011	2.302	1.347
-66.0	44.8	3.59	1.178	9.877	4.760	2.075	1.408	7.337	8.31	1.536	1.682	3.60	1.184	9.891	4.763	2.076	1.410	7.329	1.598	9.972	4.610	2.163	1.374
-41.0	45.3	3.60	1.141	11.224	5.299	2.118	1.476	6.430	9.11	1.344,	1.366	3.60	1.151	11.244	5.304	2.120	1.478	6.421	1.359	11.307	5.174	2.185	1.432
-15.0	48.9	3.58	1.100	12.918	5.944	2.172	1.554	6.055	10.06	1.106	1.160	3.58	1.100	12.909	5.944	2.172	1.554	6.055	1.160	13.033	5.438	2.397	1.511
6.0	50.9	3.56	1.070	14.304	6.382	2.241	1.630	5.734	10.67	0.898	0.897	3.52	1.019	14.390	6.372	2.258	1.648	5.730	0.930	14.398	6.372	2.258	1.648
34.0	52.5	3.54	1.033	15.989	6.792	2.339	1.747	5.398	11.16	0.680	0.715	3.51	0.995	16.094	6.745	2.386	1.793	5.398	0.737	16.094	6.745	2.386	1.793
57.0	53.4	3.54	1.018	16.879	7.184	2.376	1.792	5.141	11.58	0.633	0.644	3.51	0.987	16.989	7.078	2.400	1.819	5.144	0.661	16.989	7.078	2.400	1.819
106.0	53.8	3.51	0.994	17.921	7.551	2.373	1.815	4.751	12.22	0.670	0.764	3.50	0.981	17.948	7.549	2.378	1.821	4.750	0.772	17.948	7.549	2.378	1.821
204.0	56.0	3.49	0.974	17.862	7.987	2.259	1.739	4.823	12.87	0.940	0.962	3.49	0.974	17.862	7.987	2.259	1.739	4.823	0.962	17.862	7.987	2.259	1.739
302.0	57.4	3.50	0.963	17.638	8.123	2.171	1.675	4.895	13.30	1.068	1.138	3.50	0.963	17.638	8.123	2.171	1.675	4.895	1.138	17.638	8.123	2.171	1.675
500.0	63.0	3.49	0.955	17.042	8.431	2.021	1.555	5.451	14.13	1.315	1.376	3.49	0.955	17.042	8.431	2.021	1.555	5.451	1.376	17.042	8.431	2.021	1.555
789.0	67.9	3.47	0.937	16.754	8.828	1.898	1.465	5.793	15.09	1.560	1.590	3.47	0.937	16.754	8.828	1.898	1.465	5.793	1.590	16.754	8.828	1.898	1.465
1085.0	78.4	3.47	0.923	16.649	9.213	1.807	1.398	6.702	16.02	1.753	1.774	3.47	0.923	16.649	9.213	1.807	1.398	6.702	1.774	16.649	9.213	1.807	1.398
1321.0	85.0	3.44	0.914	17.005	9.640	1.764	1.368	7.053	16.90	1.843	1.835	3.44	0.914	17.005	9.640	1.764	1.368	7.053	1.835	17.005	9.640	1.764	1.368
1811.0	95.2	3.41	0.899	17.172	10.151	1.692	1.317	7.686	18.04	2.036	2.045	3.41	0.899	17.172	10.151	1.692	1.317	7.687	2.045	17.172	10.151	1.692	1.317
2388.0	103.8	3.37	0.880	17.593	10.664	1.650	1.294	8.004	19.09	2.139	2.112	3.37	0.880	17.593	10.664	1.650	1.294	8.004	2.112	17.593	10.664	1.650	1.294
2789.0	115.0	3.35	0.869	18.523	11.421	1.622	1.278	8.447	20.56	2.087	2.105	3.35	0.869	18.523	11.421	1.622	1.278	8.447	2.105	18.523	11.421	1.622	1.278

Table 3 (continued)

$M_0 = 1.272$ $\quad Re/m = 10.2 \times 10^6$

				CONSTANT PW								MEASURED P							CALCULATED P			
X	DEL.995	RE/M	ME	DEL*	THETA	H	HBAR	HI	DELE	CFP	CF	RE/M	ME	DEL*	THETA	H	HBAR	HI	CF	DELBAR	THETABAR	H	HBAR
MM	MM	X10-6		MM	MM				MM	X10+3	X10+3	X10-6		MM	MM				X10+3	MM	MM		
-688.0	33.4	10.14	1.300	5.744	2.810	2.044	1.275	9.044	5.09	1.851	1.818	10.14	1.300	5.744	2.810	2.044	1.275	9.044	1.818	5.744	2.810	2.044	1.275
-511.0	34.6	10.18	1.282	6.095	2.995	2.035	1.284	9.518	5.40	1.814	1.766	10.18	1.282	6.095	2.995	2.035	1.284	9.518	1.766	6.095	2.995	2.035	1.284
-411.0	35.6	10.19	1.267	6.384	3.144	2.030	1.294	9.292	5.66	1.808	1.733	10.19	1.267	6.384	3.144	2.030	1.294	9.292	1.733	6.384	3.144	2.030	1.294
-314.0	36.3	10.17	1.266	6.546	3.239	2.021	1.288	9.186	5.83	1.795	1.771	10.17	1.266	6.546	3.239	2.021	1.288	9.186	1.771	6.546	3.239	2.021	1.288
-215.0	36.4	10.21	1.272	6.639	3.293	2.016	1.279	9.038	5.95	1.832	1.796	10.21	1.272	6.639	3.293	2.016	1.279	9.038	1.796	6.639	3.293	2.016	1.279
-168.0	36.1	10.21	1.272	6.686	3.316	2.017	1.279	8.871	5.99	1.808	1.783	10.21	1.272	6.686	3.316	2.017	1.279	8.871	1.783	6.686	3.316	2.017	1.279
-143.0	37.5	10.22	1.268	6.743	3.358	2.008	1.277	9.158	6.07	1.793	1.747	10.22	1.273	6.762	3.365	2.010	1.279	9.135	1.744	6.788	3.342	2.029	1.271
-119.0	37.4	10.09	1.245	6.963	3.475	2.003	1.295	8.758	6.24	1.731	1.694	10.10	1.254	6.982	3.482	2.005	1.296	8.736	1.688	6.992	3.475	2.012	1.281
-94.0	38.7	10.13	1.222	7.289	3.650	1.997	1.315	8.685	6.52	1.586	1.551	10.16	1.249	7.357	3.670	2.004	1.320	8.540	1.534	7.345	3.712	1.979	1.294
-69.0	39.6	10.14	1.176	8.153	4.059	2.009	1.367	7.747	7.15	1.376	1.310	10.20	1.219	8.199	4.081	2.009	1.366	7.694	1.286	8.175	4.161	1.965	1.339
-47.0	42.5	10.21	1.136	9.182	4.494	2.043	1.429	7.413	7.80	1.101	1.047	10.27	1.181	9.156	4.515	2.028	1.414	7.385	1.024	9.250	4.287	2.158	1.389
-22.0	44.8	10.14	1.088	11.149	5.208	2.144	1.552	6.471	8.83	0.814	0.737	10.17	1.092	11.127	5.205	2.138	1.545	6.469	0.731	11.208	4.781	2.344	1.530
4.0	47.3	10.04	1.025	13.398	5.867	2.284	1.712	5.778	9.74	0.496	0.441	10.02	1.014	13.399	5.869	2.283	1.712	5.776	0.445	13.399	5.869	2.283	1.712
29.0	49.4	10.00	1.001	15.176	6.448	2.356	1.793	5.314	10.38	0.391	0.382	9.94	0.988	15.249	6.420	2.375	1.814	5.319	0.388	15.249	6.420	2.375	1.814
51.0	50.6	9.92	0.979	16.136	6.646	2.428	1.875	5.186	10.77	0.410	0.396	9.87	0.964	16.171	6.640	2.435	1.885	5.185	0.401	16.171	6.640	2.435	1.885
74.0	50.9	9.91	0.971	16.457	6.869	2.396	1.856	5.015	11.11	0.487	0.456	9.88	0.963	16.460	6.870	2.396	1.858	5.013	0.460	16.460	6.870	2.396	1.858
125.0	52.0	9.81	0.955	16.884	7.252	2.317	1.805	4.853	11.73	0.641	0.585	9.81	0.955	16.883	7.251	2.317	1.805	4.854	0.585	16.883	7.251	2.317	1.805
174.0	52.6	9.86	0.944	16.963	7.458	2.274	1.779	4.778	12.07	0.695	0.674	9.86	0.944	16.963	7.458	2.274	1.779	4.778	0.674	16.963	7.458	2.274	1.779
221.0	52.9	9.80	0.938	16.748	7.566	2.214	1.733	4.778	12.31	0.809	0.748	9.80	0.938	16.748	7.566	2.214	1.733	4.778	0.748	16.748	7.566	2.214	1.733
272.0	55.0	9.82	0.934	16.473	7.654	2.152	1.684	5.033	12.53	0.878	0.820	9.82	0.934	16.473	7.654	2.152	1.684	5.033	0.820	16.473	7.654	2.152	1.684
321.0	55.4	9.80	0.931	16.389	7.738	2.108	1.649	5.052	12.74	0.961	0.874	9.80	0.931	16.389	7.738	2.108	1.649	5.052	0.874	16.389	7.738	2.108	1.649
368.0	55.6	9.81	0.928	16.094	7.885	2.062	1.612	5.062	12.93	1.015	0.932	9.81	0.928	16.094	7.885	2.062	1.612	5.062	0.932	16.094	7.885	2.062	1.612
466.0	57.2	9.79	0.922	15.792	7.910	1.996	1.561	5.235	13.23	1.111	1.041	9.79	0.922	15.792	7.910	1.996	1.561	5.235	1.041	15.792	7.910	1.996	1.561
565.0	60.6	9.78	0.919	15.632	8.040	1.944	1.519	5.593	13.57	1.209	1.092	9.78	0.919	15.632	8.040	1.944	1.519	5.593	1.092	15.632	8.040	1.944	1.519
663.0	63.2	9.74	0.913	15.345	8.149	1.883	1.471	5.873	13.82	1.287	1.262	9.74	0.913	15.344	8.149	1.883	1.471	5.873	1.262	15.344	8.149	1.883	1.471
761.0	65.2	9.73	0.907	15.264	8.253	1.850	1.447	6.051	14.16	1.303	1.310	9.73	0.907	15.264	8.253	1.850	1.447	6.051	1.310	15.264	8.253	1.850	1.447
861.0	68.1	9.73	0.902	15.487	8.485	1.825	1.430	6.201	14.63	1.330	1.288	9.73	0.902	15.487	8.485	1.825	1.430	6.201	1.288	15.487	8.485	1.825	1.430
957.0	69.6	9.66	0.895	15.354	8.554	1.795	1.409	6.342	14.82	1.398	1.334	9.66	0.895	15.354	8.554	1.795	1.409	6.342	1.334	15.354	8.554	1.795	1.409
1055.0	72.1	9.69	0.891	15.283	8.625	1.772	1.392	6.588	15.04	1.445	1.350	9.69	0.891	15.283	8.625	1.772	1.392	6.588	1.350	15.283	8.625	1.772	1.392
1099.0	73.9	9.87	0.893	15.329	8.731	1.756	1.377	6.708	15.29	1.539	1.444	9.87	0.893	15.329	8.731	1.756	1.377	6.708	1.444	15.329	8.731	1.756	1.377
1197.0	75.9	9.74	0.892	15.010	8.714	1.722	1.349	6.987	15.47	1.567	1.544	9.74	0.892	15.010	8.714	1.722	1.349	6.987	1.544	15.010	8.714	1.722	1.349
1291.0	77.8	9.75	0.887	15.072	8.819	1.709	1.341	7.113	15.63	1.644	1.606	9.75	0.887	15.072	8.819	1.709	1.341	7.113	1.606	15.072	8.819	1.709	1.341
1538.0	84.6	9.60	0.875	15.406	9.182	1.678	1.322	7.535	16.30	1.732	1.577	9.60	0.875	15.406	9.182	1.678	1.322	7.535	1.577	15.406	9.182	1.678	1.322
1585.0	85.3	9.47	0.873	15.437	9.244	1.670	1.317	7.558	16.43	1.680	1.582	9.47	0.873	15.437	9.243	1.670	1.317	7.558	1.582	15.437	9.243	1.670	1.317
1781.0	88.8	9.49	0.866	15.324	9.350	1.639	1.295	7.858	16.73	1.785	1.741	9.49	0.866	15.324	9.350	1.639	1.295	7.858	1.741	15.324	9.350	1.639	1.295
2270.0	97.4	9.55	0.850	15.888	9.892	1.606	1.277	8.240	17.77	1.888	1.693	9.55	0.850	15.888	9.892	1.606	1.277	8.240	1.693	15.888	9.892	1.606	1.277
2759.0	101.0	9.34	0.830	16.023	10.206	1.570	1.259	8.326	18.49	1.927	1.865	9.34	0.830	16.023	10.206	1.570	1.259	8.326	1.865	16.023	10.206	1.570	1.259

Table 3 (continued)

$M_0 = 1.373$ Re/m = 3.67×10^6

					CONSTANT PW								MEASURED P							CALCULATED P			
X	DEL 995	RE/M	ME	DEL*	THETA	H	HBAR	HI	DELE	CFP	CF	RE/M	ME	DEL*	THETA	H	HBAR	HI	CF	DELBAR	THETABAR	H	HBAR
MM	MM	X10-6		MM	MM				MM	X10+3	X10+3	X10-6		MM	MM				X10+3	MM	MM		
-712.0	34.1	3.64	1.413	6.516	2.927	2.227	1.386	9.425	5.26	2.091	2.198	3.64	1.413	6.516	2.927	2.227	1.386	9.425	2.198	6.516	2.927	2.227	1.386
-710.0	34.1	3.61	1.414	6.595	2.961	2.227	1.385	9.289	5.32	2.093	2.189	3.61	1.414	6.594	2.961	2.227	1.385	9.298	2.189	6.594	2.961	2.227	1.385
-328.0	38.7	3.64	1.395	7.542	3.402	2.217	1.316	9.168	6.09	2.019	2.092	3.64	1.395	7.542	3.402	2.217	1.316	9.168	2.092	7.542	3.402	2.217	1.316
-222.0	39.4	3.67	1.377	8.100	3.661	2.213	1.329	8.550	6.53	1.894	1.978	3.67	1.377	8.100	3.661	2.213	1.329	8.550	1.978	8.100	3.661	2.213	1.329
-199.0	39.4	3.67	1.373	8.179	3.699	2.211	1.332	8.441	6.59	1.985	1.966	3.67	1.373	8.179	3.699	2.211	1.332	8.441	1.966	8.179	3.699	2.211	1.332
-173.0	39.2	3.68	1.370	8.345	3.767	2.215	1.338	8.191	6.78	1.891	1.939	3.68	1.370	8.345	3.767	2.215	1.338	8.191	1.939	8.345	3.767	2.215	1.338
-148.0	40.4	3.65	1.350	8.647	3.913	2.210	1.352	8.114	6.93	1.819	1.879	3.65	1.350	8.647	3.913	2.210	1.352	8.114	1.879	8.647	3.913	2.210	1.352
-123.0	39.9	3.61	1.279	9.479	4.277	2.216	1.423	7.112	7.45	1.448	1.501	3.61	1.279	9.479	4.277	2.216	1.423	7.113	1.501	9.479	4.277	2.216	1.423
-101.0	41.5	3.64	1.232	10.935	4.820	2.269	1.587	6.341	8.24	1.149	1.191	3.64	1.232	10.935	4.820	2.269	1.587	6.341	1.191	10.935	4.820	2.269	1.587
-76.0	44.3	3.65	1.194	12.798	5.461	2.342	1.688	5.769	9.17	0.899	0.954	3.65	1.194	12.798	5.461	2.342	1.688	5.778	0.954	12.798	5.461	2.342	1.688
-58.0	49.1	3.65	1.155	15.154	6.144	2.467	1.736	5.525	10.18	0.710	0.669	3.65	1.155	15.154	6.144	2.467	1.736	5.525	0.669	15.154	6.144	2.467	1.736
-27.0	53.4	3.62	1.129	17.855	6.814	2.620	1.885	5.216	10.98	0.602	0.555	3.62	1.129	17.855	6.814	2.620	1.885	5.216	0.555	17.855	6.814	2.620	1.885
-3.0	54.6	3.63	1.103	20.402	7.382	2.764	2.027	4.632	11.70	0.470	0.410	3.63	1.103	20.402	7.382	2.764	2.027	4.632	0.410	20.402	7.382	2.764	2.027
22.0	57.4	3.67	1.085	22.618	7.834	2.887	2.147	4.448	12.28	0.384	0.312	3.67	1.085	22.618	7.834	2.887	2.147	4.448	0.312	22.618	7.834	2.887	2.147
71.0	61.0	3.65	1.055	25.587	8.417	3.040	2.304	4.207	13.02	0.344	0.283	3.65	1.055	25.587	8.417	3.040	2.304	4.207	0.283	25.587	8.417	3.040	2.304
120.0	63.4	3.63	1.033	26.934	8.839	3.047	2.335	4.126	13.58	0.311	0.351	3.63	1.033	26.934	8.839	3.047	2.335	4.126	0.351	26.934	8.839	3.047	2.335
169.0	65.1	3.64	1.023	27.187	9.233	2.936	2.255	4.115	14.22	0.414	0.373	3.64	1.023	27.187	9.233	2.936	2.255	4.115	0.373	27.187	9.233	2.936	2.255
267.0	65.5	3.63	1.003	26.296	9.721	2.705	2.085	4.033	15.11	0.540	0.519	3.63	1.003	26.296	9.721	2.705	2.085	4.033	0.519	26.296	9.721	2.705	2.085
463.0	73.0	3.59	0.972	25.073	10.682	2.365	1.838	4.520	16.96	0.794	0.843	3.59	0.972	25.073	10.682	2.365	1.838	4.521	0.843	25.073	10.682	2.365	1.838
756.0	82.6	3.56	0.940	23.200	11.266	2.059	1.600	5.273	18.71	1.168	1.198	3.56	0.940	23.200	11.266	2.059	1.600	5.273	1.198	23.200	11.266	2.059	1.600
1052.0	92.7	3.54	0.916	22.329	11.040	1.886	1.471	5.943	20.22	1.444	1.462	3.54	0.916	22.329	11.040	1.886	1.471	5.943	1.462	22.329	11.040	1.886	1.471
1284.0	101.4	3.50	0.905	21.752	12.137	1.792	1.399	6.562	21.88	1.784	1.768	3.50	0.905	21.752	12.137	1.792	1.399	6.562	1.768	21.752	12.137	1.792	1.399
1776.0	117.6	3.43	0.878	21.788	12.916	1.686	1.327	7.419	22.88	1.998	1.975	3.43	0.878	21.788	12.916	1.686	1.327	7.419	1.975	21.788	12.916	1.686	1.327
2267.0	129.2	3.39	0.861	22.111	13.583	1.628	1.288	7.884	24.32	2.131	2.119	3.39	0.861	22.110	13.583	1.628	1.288	7.884	2.119	22.110	13.583	1.628	1.288
2752.0	137.4	3.33	0.839	22.253	14.080	1.589	1.270	8.225	25.26	2.185	2.189	3.33	0.839	22.253	14.080	1.589	1.270	8.225	2.189	22.253	14.080	1.589	1.270

Table 3 (continued)

$M_0 = 1.386$ $\quad Re/m = 10.0 \times 10^6$

		CONSTANT PW											MEASURED P								CALCULATED P			
X	DEL 995	RE/M	ME	DEL*	THETA	H	HBAR	HI	DELE	CFP	CF	RE/M	ME	DEL*	THETA	H	HBAR	HI	CF	DELBAR	THETABAR	H	HBAR
MM	MM	X10-6		MM	MM				MM	X10+3	X10+3	X10-6		MM	MM				X10+3	MM	MM		
-729.0	32.4	9.92	1.420	5.660	2.584	2.190	1.273	10.348	4.68	1.891	1.787	9.92	1.420	5.660	2.584	2.190	1.273	10.348	1.787	5.660	2.584	2.190	1.273
-635.0	33.0	9.97	1.425	5.819	2.653	2.193	1.271	10.244	4.81	1.884	1.797	9.97	1.425	5.819	2.653	2.193	1.271	10.245	1.797	5.819	2.653	2.193	1.271
-537.0	34.2	9.96	1.417	6.086	2.779	2.190	1.276	10.115	5.03	1.837	1.757	9.96	1.417	6.086	2.779	2.190	1.276	10.115	1.757	6.086	2.779	2.190	1.276
-439.0	34.4	9.95	1.414	6.292	2.873	2.190	1.279	9.784	5.20	1.823	1.729	9.95	1.414	6.292	2.873	2.190	1.279	9.784	1.729	6.292	2.873	2.190	1.279
-343.0	35.4	9.96	1.408	6.466	2.970	2.177	1.275	9.743	5.37	1.816	1.776	9.96	1.408	6.466	2.970	2.177	1.275	9.743	1.776	6.466	2.970	2.177	1.275
-292.0	35.1	9.99	1.406	6.600	3.028	2.180	1.279	9.413	5.47	1.818	1.746	9.99	1.406	6.600	3.028	2.180	1.279	9.413	1.746	6.600	3.028	2.180	1.279
-245.0	36.6	10.00	1.396	6.742	3.109	2.169	1.288	9.604	5.62	1.779	1.766	10.00	1.396	6.742	3.109	2.169	1.288	9.604	1.766	6.742	3.109	2.169	1.288
-220.0	37.0	10.03	1.386	6.800	3.150	2.158	1.282	9.586	5.73	1.750	1.733	10.03	1.386	6.800	3.150	2.158	1.282	9.586	1.733	6.800	3.150	2.158	1.282
-192.0	37.5	10.03	1.381	7.003	3.238	2.162	1.290	9.417	5.83	1.695	1.682	10.04	1.384	7.019	3.243	2.164	1.291	9.398	1.681	6.954	3.314	2.098	1.284
-171.0	36.6	10.02	1.373	7.029	3.266	2.152	1.293	9.055	5.87	1.738	1.679	10.04	1.387	7.058	3.274	2.156	1.295	9.024	1.673	7.059	3.274	2.156	1.288
-144.0	37.1	10.02	1.341	7.211	3.379	2.134	1.314	8.946	6.04	1.614	1.549	10.06	1.375	7.287	3.403	2.141	1.319	8.762	1.533	7.251	3.447	2.103	1.307
-120.0	36.3	9.96	1.307	7.471	3.526	2.119	1.337	8.177	6.25	1.490	1.488	10.01	1.355	7.653	3.580	2.138	1.353	8.001	1.466	7.547	3.729	2.824	1.321
-95.0	38.7	10.14	1.258	8.758	4.084	2.145	1.406	7.332	7.12	1.127	1.153	10.22	1.335	8.965	4.156	2.157	1.420	7.154	1.124	8.888	4.400	2.002	1.384
-73.0	48.6	10.21	1.210	10.115	4.579	2.209	1.497	6.658	7.83	0.888	0.917	10.29	1.279	10.246	4.627	2.215	1.587	6.561	0.892	10.133	4.861	2.085	1.461
-48.0	44.2	10.20	1.157	12.610	5.440	2.318	1.627	5.807	9.09	0.683	0.683	10.27	1.213	12.694	5.468	2.321	1.636	5.762	0.665	12.687	5.565	2.280	1.575
-24.0	48.6	10.23	1.107	15.648	6.131	2.552	1.856	5.375	9.94	0.322	0.299	10.25	1.123	15.640	6.137	2.548	1.853	5.371	0.296	15.761	5.725	2.753	1.819
1.0	51.1	10.20	1.081	18.261	6.748	2.706	1.997	4.867	10.79	0.206	0.321	10.10	1.029	18.374	6.721	2.734	2.021	4.869	0.333	18.374	6.721	2.734	2.021
50.0	56.3	10.01	1.039	22.820	7.703	2.962	2.256	4.346	11.94	0.184	0.224	9.95	1.015	22.866	7.697	2.971	2.264	4.344	0.228	22.866	7.697	2.971	2.264
99.0	59.1	9.97	1.012	24.684	8.161	3.015	2.330	4.227	12.53	0.236	0.241	9.92	0.995	24.687	8.160	3.016	2.333	4.227	0.244	24.687	8.160	3.016	2.333
148.0	60.5	9.94	0.995	25.126	8.572	2.931	2.281	4.127	13.17	0.257	0.264	9.92	0.988	25.124	8.572	2.931	2.281	4.127	0.266	25.124	8.572	2.931	2.281
197.0	61.0	9.92	0.984	24.856	8.858	2.886	2.188	4.088	13.66	0.218	0.311	9.92	0.984	24.855	8.858	2.886	2.189	4.088	0.311	24.855	8.858	2.886	2.189
246.0	61.3	9.93	0.973	24.280	9.097	2.669	2.085	4.069	14.15	0.400	0.378	9.92	0.973	24.279	9.097	2.669	2.085	4.070	0.378	24.279	9.097	2.669	2.085
295.0	61.7	9.89	0.963	23.927	9.348	2.560	2.003	4.041	14.63	0.501	0.518	9.89	0.963	23.927	9.348	2.560	2.003	4.041	0.518	23.927	9.348	2.560	2.003
342.0	63.5	9.89	0.956	23.492	9.499	2.473	1.936	4.212	14.96	0.533	0.568	9.89	0.956	23.492	9.499	2.473	1.936	4.212	0.588	23.492	9.499	2.473	1.936
444.0	66.2	9.84	0.942	22.838	9.867	2.315	1.815	4.394	15.78	0.698	0.684	9.84	0.942	22.838	9.867	2.315	1.815	4.394	0.684	22.838	9.867	2.315	1.815
539.0	70.2	9.88	0.931	21.976	10.065	2.183	1.713	4.791	16.37	0.819	0.821	9.88	0.931	21.976	10.065	2.183	1.713	4.791	0.821	21.976	10.065	2.183	1.713
637.0	74.0	9.76	0.921	21.442	10.323	2.077	1.631	5.091	17.03	0.940	0.920	9.76	0.921	21.442	10.323	2.077	1.631	5.091	0.920	21.442	10.323	2.077	1.631
735.0	76.7	9.74	0.912	20.997	10.583	1.999	1.571	5.384	17.53	1.107	1.011	9.74	0.912	20.997	10.583	1.999	1.571	5.384	1.011	20.997	10.583	1.999	1.571
833.0	80.6	9.77	0.903	20.469	10.614	1.928	1.518	5.665	17.91	1.185	1.108	9.77	0.903	20.469	10.614	1.928	1.518	5.665	1.108	20.469	10.614	1.928	1.518
931.0	86.1	9.57	0.895	20.146	10.729	1.878	1.480	6.147	18.26	1.247	1.185	9.57	0.895	20.145	10.729	1.878	1.480	6.147	1.185	20.145	10.729	1.878	1.480
1027.0	89.5	9.82	0.890	20.118	10.978	1.833	1.445	6.320	18.85	1.282	1.210	9.82	0.890	20.118	10.977	1.833	1.445	6.320	1.210	20.118	10.977	1.833	1.445
1755.0	107.1	9.24	0.856	19.400	11.873	1.634	1.297	7.386	21.28	1.867	1.794	9.24	0.856	19.400	11.873	1.634	1.297	7.386	1.794	19.400	11.873	1.634	1.297
2244.0	113.9	9.10	0.832	18.588	11.804	1.575	1.262	8.075	21.28	1.988	1.948	9.10	0.832	18.588	11.804	1.575	1.262	8.075	1.948	18.588	11.804	1.575	1.262
2733.0	116.3	8.92	0.808	17.901	11.670	1.534	1.241	8.432	21.22	2.023	1.935	8.92	0.808	17.901	11.670	1.534	1.241	8.432	1.935	17.901	11.670	1.534	1.241
2933.0	118.1	8.89	0.799	17.693	11.617	1.523	1.237	8.643	21.17	2.001	1.941	8.89	0.799	17.693	11.617	1.523	1.237	8.643	1.941	17.693	11.617	1.523	1.237

Table 3 (continued)

$M_0 = 1.522$ $\quad Re/m = 3.51 \times 10^6$

		CONSTANT PW										MEASURED P								CALCULATED P			
X MM	DEL 995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-717.0	33.9	3.49	1.538	6.771	2.830	2.392	1.383	9.585	5.89	2.110	2.195	3.49	1.538	6.771	2.830	2.392	1.383	9.585	2.195	6.771	2.830	2.392	1.383
-523.0	34.5	3.48	1.542	7.144	2.984	2.394	1.388	9.167	5.38	2.000	2.171	3.48	1.542	7.144	2.984	2.394	1.388	9.167	2.171	7.144	2.984	2.394	1.388
-327.0	37.4	3.51	1.522	7.647	3.211	2.382	1.311	9.267	5.76	1.969	2.067	3.51	1.522	7.647	3.211	2.382	1.311	9.267	2.067	7.647	3.211	2.382	1.311
-278.6	37.4	3.53	1.524	7.893	3.305	2.388	1.313	8.927	5.93	1.954	2.056	3.53	1.524	7.893	3.305	2.388	1.313	8.927	2.056	7.969	3.241	2.459	1.389
-255.0	37.7	3.51	1.522	7.997	3.357	2.382	1.311	8.848	6.02	1.959	2.062	3.51	1.522	7.997	3.357	2.382	1.311	8.849	2.062	8.169	3.214	2.542	1.385
-229.0	38.4	3.50	1.491	8.287	3.482	2.357	1.325	8.670	6.28	1.820	1.930	3.50	1.498	8.246	3.493	2.361	1.328	8.633	1.927	8.269	3.465	2.387	1.382
-206.0	37.8	3.50	1.447	8.318	3.570	2.330	1.356	8.259	6.33	1.646	1.735	3.52	1.486	8.465	3.605	2.348	1.371	8.137	1.720	8.633	3.454	2.500	1.342
-188.0	37.6	3.50	1.333	9.337	3.975	2.349	1.497	7.189	6.82	1.005	1.070	3.54	1.448	9.786	4.089	2.373	1.527	6.821	1.037	9.550	4.262	2.241	1.503
-155.0	41.2	3.57	1.273	11.722	4.603	2.546	1.701	6.403	7.77	0.372	0.452	3.61	1.383	11.978	4.702	2.547	1.721	6.215	0.436	11.514	5.278	2.181	1.663
-131.0	45.5	3.62	1.252	15.046	5.597	2.831	1.939	5.298	9.05	0.349	0.346	3.67	1.382	16.186	5.760	2.818	1.960	5.089	0.331	16.034	5.988	2.678	1.917
-108.0	50.9	3.65	1.227	18.046	6.127	3.076	2.133	5.232	9.72	0.000	0.000	3.67	1.282	18.714	6.284	3.016	2.111	5.188	0.000	18.706	6.099	3.000	2.114
-83.0	56.1	3.65	1.206	23.357	6.347	3.688	2.625	5.159	9.99	0.000	0.000	3.66	1.225	23.285	6.376	3.652	2.613	5.146	0.000	23.280	6.432	3.619	2.561
-57.0	60.8	3.65	1.183	28.252	6.660	4.242	3.096	4.887	10.48	0.000	0.000	3.65	1.193	28.256	6.665	4.248	3.100	4.883	0.000	28.289	6.759	4.186	2.945
-34.0	67.4	3.65	1.174	32.189	7.037	4.563	3.361	5.015	11.03	0.000	0.000	3.65	1.162	31.537	7.362	4.284	3.139	4.871	0.000	31.920	6.485	4.922	3.220
13.0	73.9	3.67	1.153	39.569	7.869	5.029	3.762	4.363	12.12	0.000	0.000	3.64	1.105	39.269	8.019	4.897	3.627	4.318	0.000	39.269	8.019	4.897	3.627
64.0	79.2	3.66	1.134	44.142	8.137	5.425	4.111	4.389	12.54	0.000	0.000	3.62	1.070	44.100	8.120	5.431	4.079	4.322	0.000	44.100	8.120	5.431	4.079
115.0	88.7	3.62	1.118	46.125	8.448	5.460	4.168	4.093	12.97	0.000	0.000	3.59	1.072	46.100	8.439	5.463	4.145	4.100	0.000	46.100	8.439	5.463	4.145
162.0	94.2	3.63	1.104	46.057	9.140	5.039	3.855	4.173	13.93	0.000	0.000	3.61	1.071	46.038	9.134	5.040	3.841	4.178	0.000	46.038	9.134	5.040	3.841
211.0	97.8	3.63	1.091	45.810	9.907	4.624	3.543	4.239	14.98	0.000	0.000	3.60	1.048	45.788	9.900	4.625	3.528	4.244	0.000	45.788	9.900	4.625	3.528
260.0	98.8	3.62	1.078	44.958	11.120	4.043	3.092	4.122	16.61	0.000	0.000	3.60	1.044	44.949	11.115	4.044	3.083	4.125	0.000	44.949	11.115	4.044	3.083
456.0	102.3	3.56	1.029	42.859	13.397	3.199	2.464	4.437	20.28	0.288	0.289	3.54	1.000	42.856	13.398	3.199	2.463	4.437	0.213	42.856	13.398	3.199	2.463
749.0	118.3	3.53	0.975	38.177	15.832	2.411	1.866	5.061	25.30	0.638	0.665	3.53	0.975	38.177	15.832	2.411	1.866	5.061	0.665	38.177	15.832	2.411	1.866
1043.0	129.0	3.48	0.931	35.255	17.007	2.073	1.619	5.512	28.20	0.954	0.986	3.48	0.931	35.254	17.007	2.073	1.619	5.512	0.986	35.254	17.007	2.073	1.619
1279.0	139.5	3.45	0.913	33.425	17.386	1.923	1.585	6.101	29.49	1.346	1.341	3.45	0.913	33.425	17.386	1.923	1.585	6.101	1.341	33.425	17.386	1.923	1.585
1769.0	157.6	3.35	0.875	32.437	18.581	1.753	1.388	6.765	32.21	1.659	1.684	3.35	0.875	32.437	18.580	1.753	1.388	6.765	1.684	32.437	18.580	1.753	1.388
2258.0	172.9	3.32	0.851	31.496	18.962	1.661	1.324	7.457	33.61	1.845	1.882	3.32	0.851	31.496	18.962	1.661	1.324	7.457	1.882	31.496	18.962	1.661	1.324
2745.0	181.9	3.25	0.827	31.597	19.647	1.608	1.294	7.650	35.18	1.950	1.944	3.25	0.827	31.597	19.647	1.608	1.294	7.650	1.944	31.597	19.647	1.608	1.294
2945.0	186.5	3.23	0.822	31.773	19.963	1.592	1.283	7.751	35.74	1.961	2.003	3.23	0.822	31.773	19.963	1.592	1.283	7.751	2.003	31.773	19.963	1.592	1.283

Table 3 (continued)

$M_0 = 1.531$ $\quad Re/m = 6.47 \times 10^6$

		CONSTANT PW											MEASURED P								CALCULATED P			
X MM	DEL 995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-516.0	33.4	6.45	1.544	6.492	2.746	2.364	1.278	9.799	4.97	1.944	1.959	6.45	1.544	6.492	2.746	2.364	1.278	9.799	1.959	6.492	2.746	2.364	1.278
-320.0	34.7	6.45	1.532	6.938	2.941	2.359	1.286	9.439	5.31	1.869	1.885	6.45	1.532	6.938	2.941	2.359	1.286	9.439	1.885	6.938	2.941	2.359	1.286
-271.0	36.5	6.47	1.531	7.128	3.023	2.358	1.286	9.716	5.46	1.854	1.888	6.47	1.531	7.128	3.023	2.358	1.286	9.716	1.888	7.197	2.967	2.425	1.286
-222.0	36.6	6.49	1.504	7.349	3.156	2.329	1.296	9.268	5.68	1.776	1.812	6.51	1.522	7.457	3.188	2.339	1.304	9.141	1.805	7.379	3.240	2.277	1.276
-199.0	37.0	6.45	1.461	7.457	3.266	2.283	1.317	9.044	5.83	1.640	1.697	6.50	1.527	7.868	3.393	2.319	1.346	8.585	1.673	7.879	3.381	2.331	1.259
-173.0	37.5	6.39	1.323	8.237	3.663	2.249	1.458	7.989	6.32	0.925	1.048	6.51	1.495	8.932	3.981	2.290	1.491	7.323	1.082	9.464	3.339	2.834	1.488
-148.0	36.7	6.50	1.244	10.313	4.122	2.502	1.684	6.402	6.93	0.212	0.332	6.54	1.288	10.392	4.148	2.505	1.692	6.342	0.326	10.464	4.056	2.580	1.669
-124.0	41.9	6.66	1.239	14.015	5.000	2.883	1.918	5.577	8.19	0.000	0.000	6.68	1.259	14.058	5.016	2.803	1.918	5.551	0.000	14.089	4.989	2.824	1.889
-101.0	46.9	6.66	1.207	17.434	5.592	3.118	2.189	5.269	8.98	0.000	0.000	6.68	1.224	17.459	5.602	3.116	2.196	5.255	0.000	17.459	5.613	3.118	2.181
-76.0	52.1	6.69	1.186	21.686	5.951	3.631	2.614	5.124	9.32	0.000	0.000	6.70	1.204	21.628	5.960	3.627	2.621	5.114	0.000	21.557	6.138	3.517	2.557
-52.0	60.6	6.72	1.164	27.952	6.744	4.144	3.048	4.841	10.45	0.000	0.000	6.73	1.182	27.785	6.865	4.036	2.970	4.792	0.000	27.756	6.913	4.015	2.847
-27.0	67.4	6.67	1.152	33.348	7.341	4.543	3.388	4.639	11.26	0.000	0.000	6.66	1.141	32.728	7.689	4.301	3.176	4.557	0.000	33.250	6.121	5.432	3.435
22.0	72.9	6.66	1.134	40.828	7.276	5.611	4.259	4.488	11.41	0.000	0.000	6.58	1.062	40.044	7.689	5.208	3.893	4.273	0.000	40.044	7.689	5.208	3.893
71.0	77.9	6.64	1.118	44.882	7.452	6.023	4.618	4.431	11.70	0.000	0.000	6.57	1.057	43.643	8.310	5.252	3.965	4.122	0.000	43.643	8.310	5.252	3.965
120.0	82.1	6.64	1.102	46.649	8.003	5.771	4.448	4.386	12.52	0.000	0.000	6.59	1.062	45.690	8.002	5.191	3.959	4.137	0.000	45.690	8.002	5.191	3.959
167.0	86.2	6.62	1.088	47.442	8.576	5.532	4.282	4.520	13.12	0.000	0.000	6.58	1.051	46.522	9.277	5.015	3.046	4.277	0.000	46.522	9.277	5.015	3.046
218.0	90.0	6.63	1.074	46.767	10.346	4.520	3.486	4.179	15.29	0.000	0.000	6.59	1.042	46.755	10.342	4.521	3.476	4.102	0.000	46.755	10.342	4.521	2.476
267.0	92.0	6.62	1.059	45.628	11.012	4.144	3.201	4.211	16.33	0.000	0.000	6.58	1.030	45.623	11.010	4.144	3.195	4.212	0.000	45.623	11.010	4.144	3.195
463.0	101.4	6.55	1.000	42.753	13.788	3.101	2.400	4.254	20.94	0.218	0.211	6.55	1.005	42.752	13.788	3.101	2.400	4.254	0.211	42.752	13.788	3.101	2.400
756.0	113.4	6.46	0.953	37.272	16.030	2.325	1.814	4.749	25.68	0.648	0.597	6.46	0.953	37.272	16.030	2.325	1.814	4.749	0.597	37.272	16.030	2.325	1.814
1050.0	127.4	6.38	0.911	33.009	16.046	2.012	1.583	5.551	27.92	0.990	1.007	6.38	0.911	33.009	16.046	2.012	1.583	5.551	1.007	33.009	16.046	2.012	1.583
1286.0	136.9	6.26	0.889	32.294	17.322	1.864	1.473	6.039	29.31	1.286	1.233	6.26	0.889	32.294	17.322	1.864	1.473	6.039	1.233	32.294	17.322	1.864	1.473
1776.0	153.1	6.08	0.856	31.245	18.312	1.706	1.360	6.654	32.06	1.652	1.593	6.08	0.856	31.245	18.312	1.706	1.360	6.654	1.593	31.245	18.312	1.706	1.360
2265.0	167.9	5.93	0.823	38.472	18.709	1.629	1.315	7.346	33.07	1.764	1.670	5.93	0.823	38.471	18.709	1.629	1.315	7.346	1.670	38.471	18.709	1.629	1.315
2752.0	175.4	5.77	0.796	29.015	18.454	1.572	1.283	7.932	33.23	1.812	1.744	5.77	0.796	29.015	18.454	1.572	1.283	7.932	1.744	29.015	18.454	1.572	1.283
2958.0	181.5	5.69	0.788	28.965	18.661	1.552	1.270	8.174	33.78	1.888	1.830	5.69	0.788	28.965	18.661	1.552	1.270	8.174	1.830	28.965	18.661	1.552	1.270

Table 3 (concluded)

$M_0 = 1.538$ $\quad Re/m = 9.96 \times 10^6$

		CONSTANT PW											MEASURED P							CALCULATED P			
X MM	DEL 995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-756.0	30.6	9.92	1.536	5.782	2.437	2.340	1.269	10.215	4.42	1.867	1.845	9.92	1.536	5.782	2.437	2.340	1.269	10.215	1.845	5.782	2.437	2.340	1.269
-658.0	32.3	9.92	1.544	5.961	2.534	2.353	1.270	10.396	4.60	1.874	1.777	9.92	1.544	5.961	2.534	2.353	1.270	10.396	1.777	5.961	2.534	2.353	1.270
-562.0	32.3	9.90	1.548	6.285	2.633	2.357	1.269	9.912	4.75	1.851	1.736	9.90	1.548	6.285	2.633	2.357	1.269	9.912	1.736	6.285	2.633	2.357	1.269
-466.0	33.3	9.91	1.554	6.270	2.664	2.354	1.261	10.146	4.85	1.924	.836	9.91	1.554	6.270	2.664	2.354	1.261	10.146	1.836	6.270	2.664	2.354	1.261
-370.0	33.9	9.88	1.542	6.526	2.774	2.353	1.272	9.870	5.03	1.796	1.735	9.88	1.542	6.526	2.774	2.353	1.272	9.870	1.735	6.526	2.774	2.353	1.272
-319.0	34.8	9.95	1.542	6.730	2.857	2.355	1.274	9.823	5.18	1.789	1.716	9.95	1.542	6.730	2.857	2.355	1.274	9.823	1.716	6.730	2.857	2.355	1.274
-268.0	35.5	9.96	1.538	6.895	2.932	2.352	1.275	9.757	5.31	1.778	1.680	9.96	1.538	6.895	2.932	2.352	1.275	9.757	1.680	6.895	2.932	2.352	1.275
-245.0	16.0	9.98	1.525	6.922	2.972	2.329	1.276	9.783	5.38	1.757	1.765	10.00	1.541	6.933	2.970	2.334	1.278	9.786	1.700	6.950	2.955	2.352	1.274
-219.0	37.1	9.92	1.456	7.192	3.176	2.264	1.387	9.416	5.69	1.548	1.494	9.99	1.512	7.299	3.196	2.284	1.318	9.324	1.476	7.289	3.285	2.275	1.291
-196.0	35.9	9.87	1.392	7.312	3.318	2.284	1.346	8.617	5.86	1.286	1.319	10.03	1.532	7.757	3.439	2.256	1.383	8.184	1.278	7.627	3.556	2.145	1.357
-169.0	36.1	9.81	1.288	7.886	3.549	2.222	1.454	7.949	6.13	0.777	0.866	9.94	1.420	8.277	3.669	2.256	1.486	7.584	0.833	8.150	3.839	2.123	1.449
-147.0	36.9	10.00	1.235	9.939	4.121	2.412	1.666	6.543	6.95	0.231	0.296	10.23	1.443	10.897	4.540	2.488	1.683	5.728	0.278	10.782	4.706	2.291	1.661
-122.0	38.7	10.42	1.218	13.884	4.870	2.851	1.970	5.096	7.95	0.000	0.000	10.48	1.272	13.904	4.989	2.833	1.979	5.051	0.000	13.831	5.047	2.740	1.949
-96.0	50.8	10.54	1.186	17.768	5.525	3.216	2.291	5.979	8.90	0.000	0.000	10.61	1.239	17.747	5.581	3.188	2.287	5.922	0.000	17.678	5.720	3.091	2.263
-73.0	58.3	10.33	1.171	21.917	6.161	3.557	2.576	5.985	9.68	0.000	0.000	10.37	1.198	21.749	6.241	3.485	2.531	5.857	0.000	21.736	6.277	3.463	2.519
-24.0	64.5	10.28	1.140	29.623	6.545	4.526	3.386	5.329	10.22	0.000	0.000	10.30	1.155	29.284	6.779	4.388	3.217	5.287	0.000	29.275	6.637	4.411	3.210
25.0	69.6	10.28	1.121	35.965	7.056	5.097	3.873	4.767	10.83	0.000	0.000	10.17	1.061	35.172	7.585	4.637	3.474	4.539	0.000	35.172	7.585	4.637	3.474
125.0	78.0	10.23	1.090	42.351	8.372	5.859	3.896	4.258	12.71	0.000	0.000	10.15	1.047	42.338	8.370	5.858	3.879	4.261	0.000	42.338	8.370	5.858	3.879
223.0	81.8	10.17	1.063	41.932	10.464	4.007	3.004	3.810	15.59	0.000	0.000	10.10	1.031	41.933	10.462	4.008	3.878	3.811	0.000	41.933	10.462	4.008	3.878
270.0	84.5	10.19	1.050	41.284	10.001	3.822	2.951	4.001	16.11	0.000	0.000	10.14	1.028	41.284	10.000	3.823	2.948	4.001	0.000	41.284	10.000	3.823	2.948
293.0	85.3	10.16	1.044	40.763	11.231	3.630	2.801	3.966	16.86	0.000	0.000	10.11	1.024	40.762	11.230	3.630	2.798	3.966	0.000	40.762	11.230	3.630	2.798
321.0	87.8	10.16	1.035	40.989	11.365	3.607	2.794	4.119	16.99	0.000	0.000	10.13	1.019	40.990	11.364	3.607	2.792	4.119	0.000	40.990	11.364	3.607	2.792
415.0	92.4	10.08	1.012	39.794	12.412	3.206	2.490	4.238	18.79	0.183	0.175	10.05	1.003	39.794	12.413	3.206	2.491	4.238	0.176	39.794	12.413	3.206	2.491
514.0	95.5	10.13	0.988	37.921	13.172	2.879	2.245	4.371	20.23	0.245	0.233	10.12	0.986	37.920	13.172	2.879	2.245	4.371	0.233	37.920	13.172	2.879	2.245
612.0	99.1	9.97	0.969	36.716	14.142	2.596	2.028	4.411	22.14	0.376	0.401	9.97	0.969	36.716	14.142	2.596	2.028	4.411	0.401	36.716	14.142	2.596	2.028
710.0	103.7	9.93	0.953	34.866	14.551	2.396	1.874	4.731	23.16	0.618	0.490	9.93	0.953	34.866	14.551	2.396	1.874	4.731	0.490	34.866	14.551	2.396	1.874
808.0	107.5	9.84	0.937	33.757	14.995	2.251	1.766	4.918	24.18	0.661	0.641	9.84	0.937	33.757	14.995	2.251	1.766	4.918	0.641	33.757	14.995	2.251	1.766
906.0	111.0	9.76	0.919	32.698	15.282	2.140	1.686	5.124	24.98	0.703	0.719	9.76	0.919	32.697	15.282	2.140	1.686	5.124	0.719	32.697	15.282	2.140	1.686
1004.0	114.6	9.70	0.906	31.437	15.398	2.042	1.613	5.401	25.58	0.865	0.866	9.70	0.906	31.437	15.398	2.042	1.613	5.401	0.866	31.437	15.398	2.042	1.613
1146.0	120.9	9.48	0.892	30.923	16.077	1.923	1.522	5.597	26.97	1.187	1.182	9.48	0.892	30.923	16.077	1.923	1.522	5.597	1.182	30.923	16.077	1.923	1.522
1240.0	123.4	9.39	0.885	29.533	15.867	1.861	1.474	5.916	27.65	1.241	1.218	9.39	0.885	29.533	15.867	1.861	1.474	5.916	1.218	29.533	15.867	1.861	1.474
1534.0	134.4	9.39	0.859	29.489	16.837	1.751	1.398	6.231	29.12	1.461	1.384	9.39	0.859	29.489	16.837	1.751	1.398	6.231	1.384	29.489	16.837	1.751	1.398
1925.0	146.1	9.26	0.836	29.044	17.372	1.672	1.344	6.738	30.46	1.614	1.449	9.26	0.836	29.044	17.372	1.672	1.344	6.738	1.449	29.044	17.372	1.672	1.344
2317.0	154.6	9.13	0.817	28.010	17.478	1.603	1.297	7.246	31.11	1.783	1.621	9.13	0.817	28.010	17.478	1.603	1.297	7.246	1.621	28.010	17.478	1.603	1.297
2708.0	162.8	8.62	0.792	26.789	17.214	1.556	1.271	7.901	30.74	1.984	1.824	8.62	0.792	26.789	17.214	1.556	1.271	7.901	1.824	26.789	17.214	1.556	1.271
2904.0	161.4	8.30	0.781	25.523	16.653	1.533	1.257	8.159	30.08	1.964	1.778	8.00	0.781	25.523	16.653	1.533	1.257	8.159	1.778	25.523	16.653	1.533	1.257

LIST OF SYMBOLS

(Bracketed symbols represent computer headings)

A, B		'law of the wall' constants in equation (28)
C_f	(CF)	local skin friction coefficient obtained from East's prediction of the law of the wall; see equation (6)
C_{f_p}	(CFP)	local skin friction coefficient based on Patel's Preston tube calibration as formulated by Head and Vasanta Ram; see section 3.3
C_p		pressure coefficient based on local conditions
d		probe diameter
D		constant in equation (6)
E_f		equilibrium factor in equation (36)
E_p		equilibrium factor in equation (37)
F		compressibility factor in equation (6)
G		Clauser shape parameter in equation (32)
h		distance of probe centre line above wall
H	(H)	boundary layer shape parameter in equations (9) and (13)
$\bar{H}$	(HBAR)	boundary layer shape parameter in equations (10), (14) and (20)
H_1	(HI)	boundary layer shape parameter $\frac{\delta_{0.995} - \delta^*}{\theta}$
J, K		normalised 'law of the wake' constants in equation (41)
l		effective turbulent run ahead of normal part of shock wave
M	(M)	Mach number
	(ME)	Mach number at edge of boundary layer
p	(P)	static pressure
	(PI)	equivalent inviscid static pressure
p_{t_0}	(PTO)	tunnel total pressure
p_{t_1}		local total pressure
Re	(RE)	unit Reynolds number; see equation (3)
T		temperature in Kelvins
	(TO)	total temperature in Kelvins
U		horizontal component of velocity
	(UE)	horizontal component of velocity at edge of boundary layer
ΔU		wake component of velocity profile
U_τ		friction velocity

LIST OF SYMBOLS (concluded)

U_τ^i		equivalent incompressible friction velocity; see equation (26)
V		vertical component of velocity
X		streamwise position relative to the normal part of the main shock wave
y	(Y)	equivalent height above wall; see equations (1) and (2)
y*		non-dimensionalised y with respect to wall parameters in equation (6)
Z		distance perpendicular to flow but parallel to surface
δ		boundary layer thickness
$\delta_{0.995}$	(DEL995)	boundary layer thickness at $U/U_\delta = 0.995$
$\delta_{0.999}$		boundary layer thickness at $U/U_\delta = 0.999$
δ_E	(DELE)	boundary layer energy thickness; see equation (15)
$\bar{\delta}$	(DELBAR)	boundary layer thickness parameters; see equation (7)
δ^*	(DEL*)	boundary layer displacement thickness; see equations (11) and (18)
θ	(THETA)	boundary layer momentum thickness; see equations (12) and (19)
$\bar{\theta}$	(THETABAR)	boundary layer thickness parameter; see equation (8)
κ		mixing length constant in equation (27)
κ		surface curvature
μ		viscosity of fluid
ν		kinematic viscosity of fluid
Π		pressure gradient parameter for equilibrium flows; see equation (31)
		density

Subscripts

i	equivalent inviscid flow quantities
I	inner static pressure probe
m	measured quantities
N	normalised quantities
0	free-stream conditions before start of interaction
p	intermediate equivalent inviscid flow quantities
U	outer static pressure probe
w	wall conditions
A,B,C	regions in Fig 28a&b
∞	edge of boundary layer conditions

Superscript

i	equivalent incompressible flow quantities

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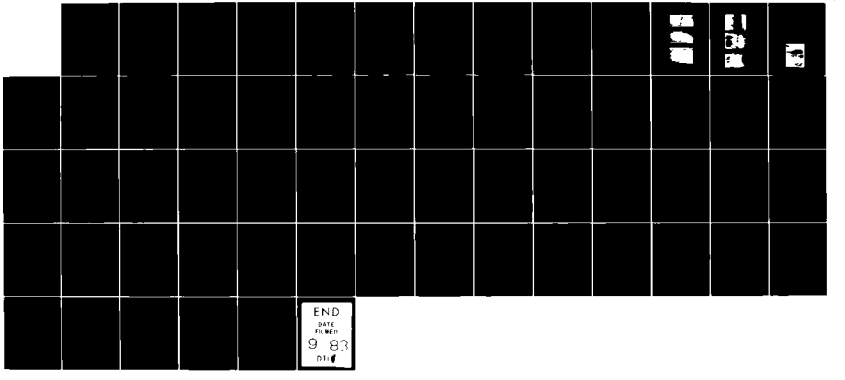

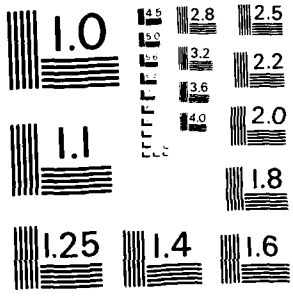

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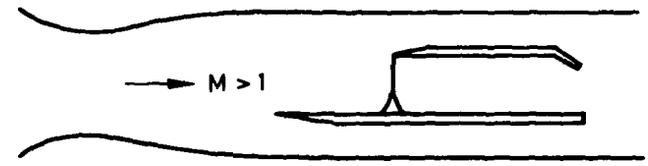
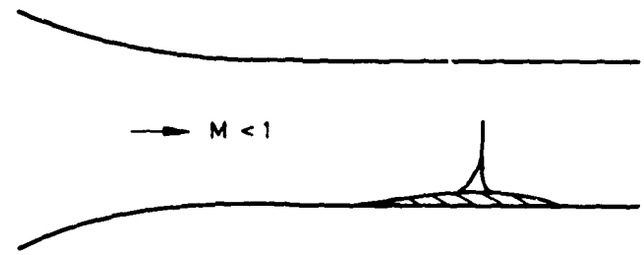
25	K.G. Winter L. Gaudet	Turbulent boundary-layer studies at high Reynolds number at Mach numbers between 0.2 and 2.8. ARC R&M 3712 (1970)
26	E.R. van Driest	Turbulent boundary layer in compressible fluids. J. Aeronautical Sci., Vol.18, 3, pp.145-160 & 216 (1951)
27	L.F. East P.D. Smith P.J. Merryman	Prediction of the development of separated turbulent boundary layers by the lag-entrainment method. RAE Technical Report 77046 (1977)
28	L.F. East W.G. Sawyer C.R. Nash	An investigation of the structure of equilibrium turbulent boundary layers. RAE Technical Report 79040 (1979)
29	T.D. Reed T.C. Pope J.M. Cooksey	Calibration of transonic and supersonic wind tunnels. NASA Contractor Report 2920 (1977)

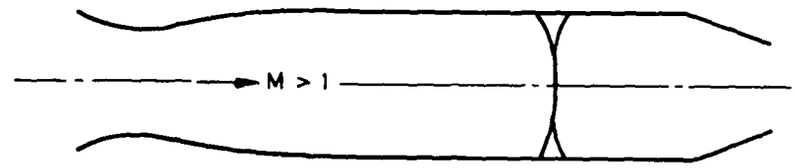
Reports quoted are not necessarily available to members of the public or commercial organisations.



a) Flat plate with shock-wave generator and downstream choking flap



b) Transonic bump



c) Conical shock in circular section

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Fig 1a-c Three techniques for producing a normal shock-wave boundary-layer interaction

Fig 2

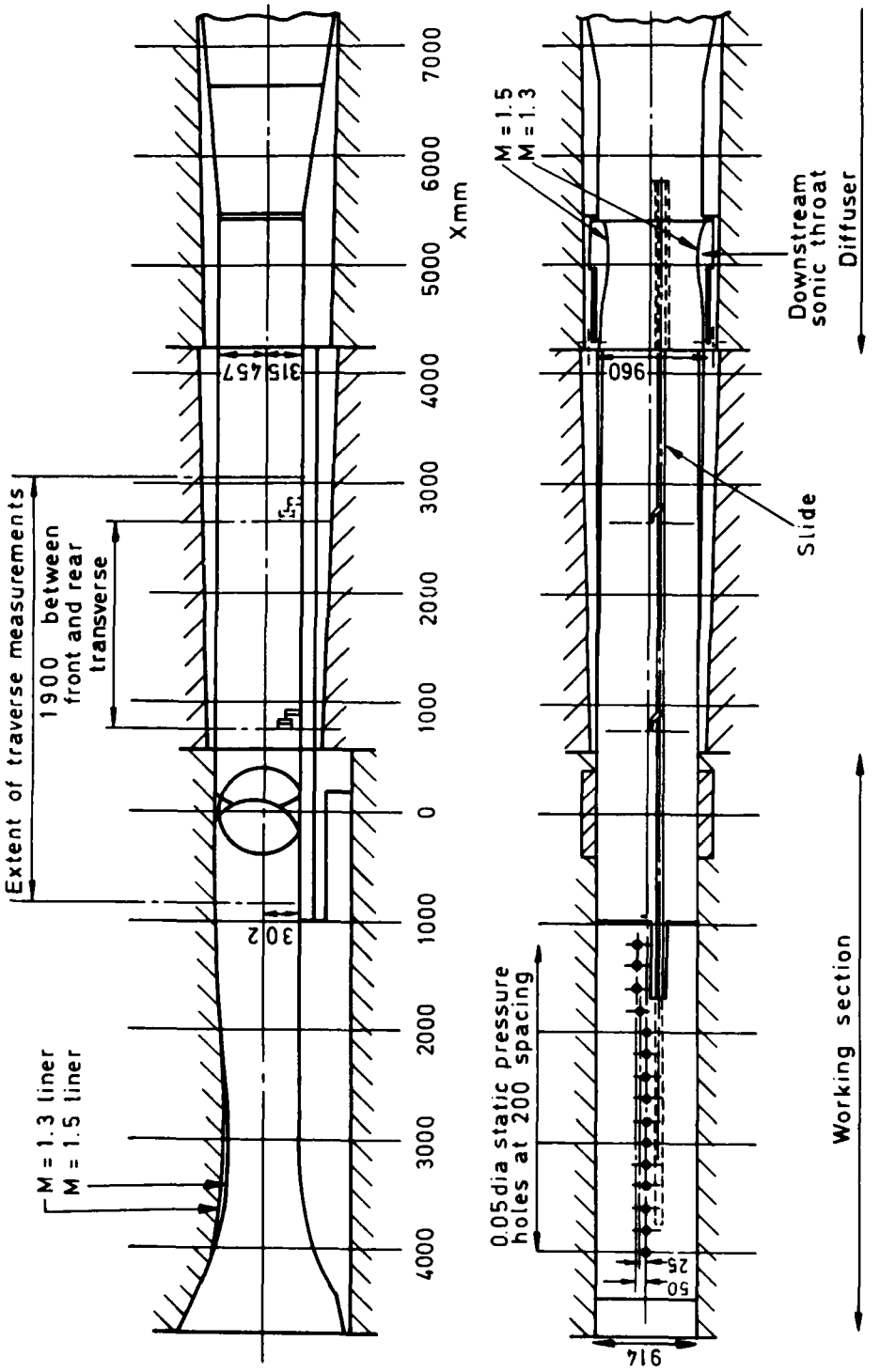

Fig 2 Experimental arrangement in the 3 ft x 3 ft wind tunnel

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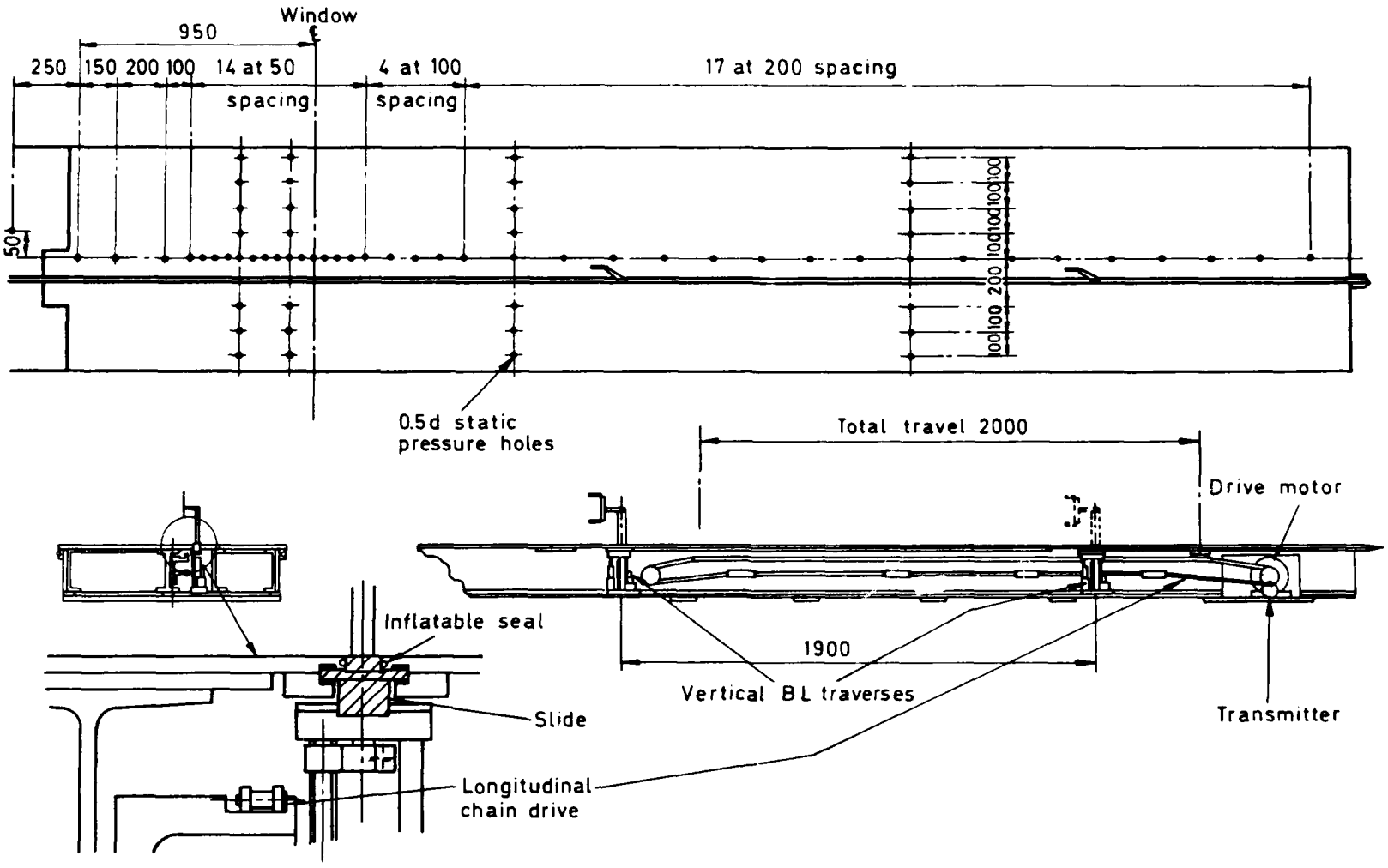

Fig 3 False floor and horizontal traverse mechanism

Fig 4

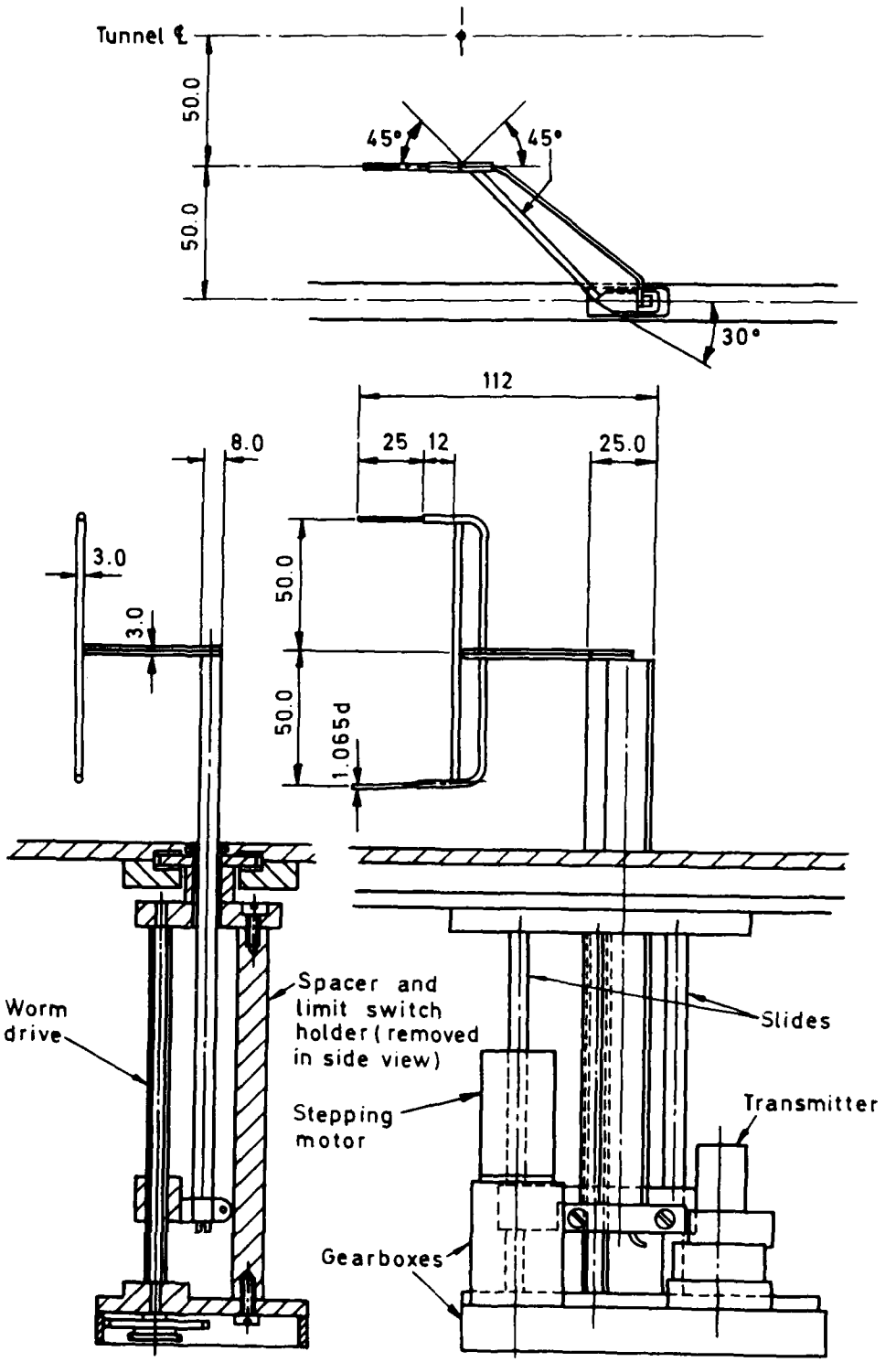

Fig 4 Pitot traverse mechanism and twin pitot probe

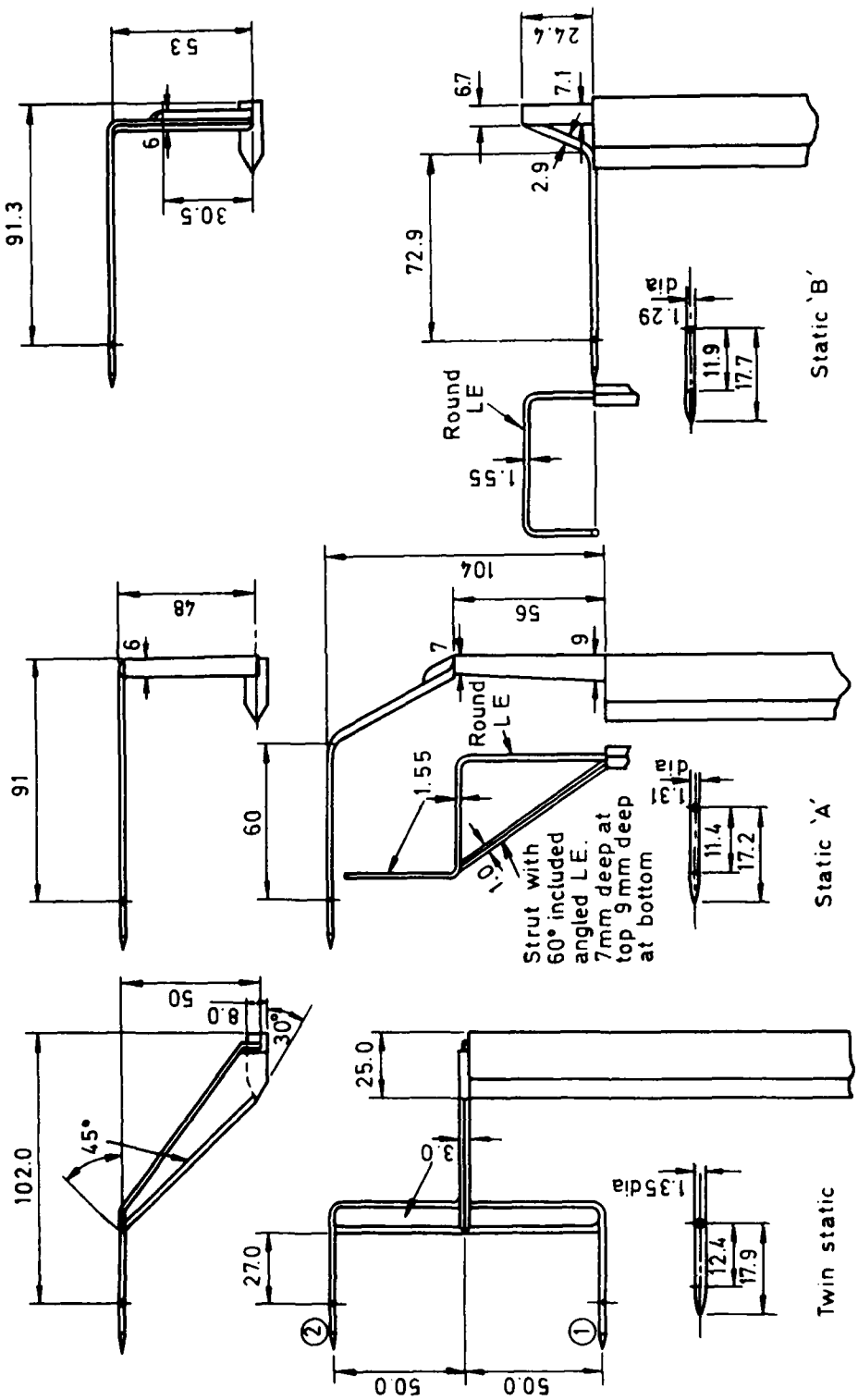

Fig 5 Details of static probes

Fig 6a

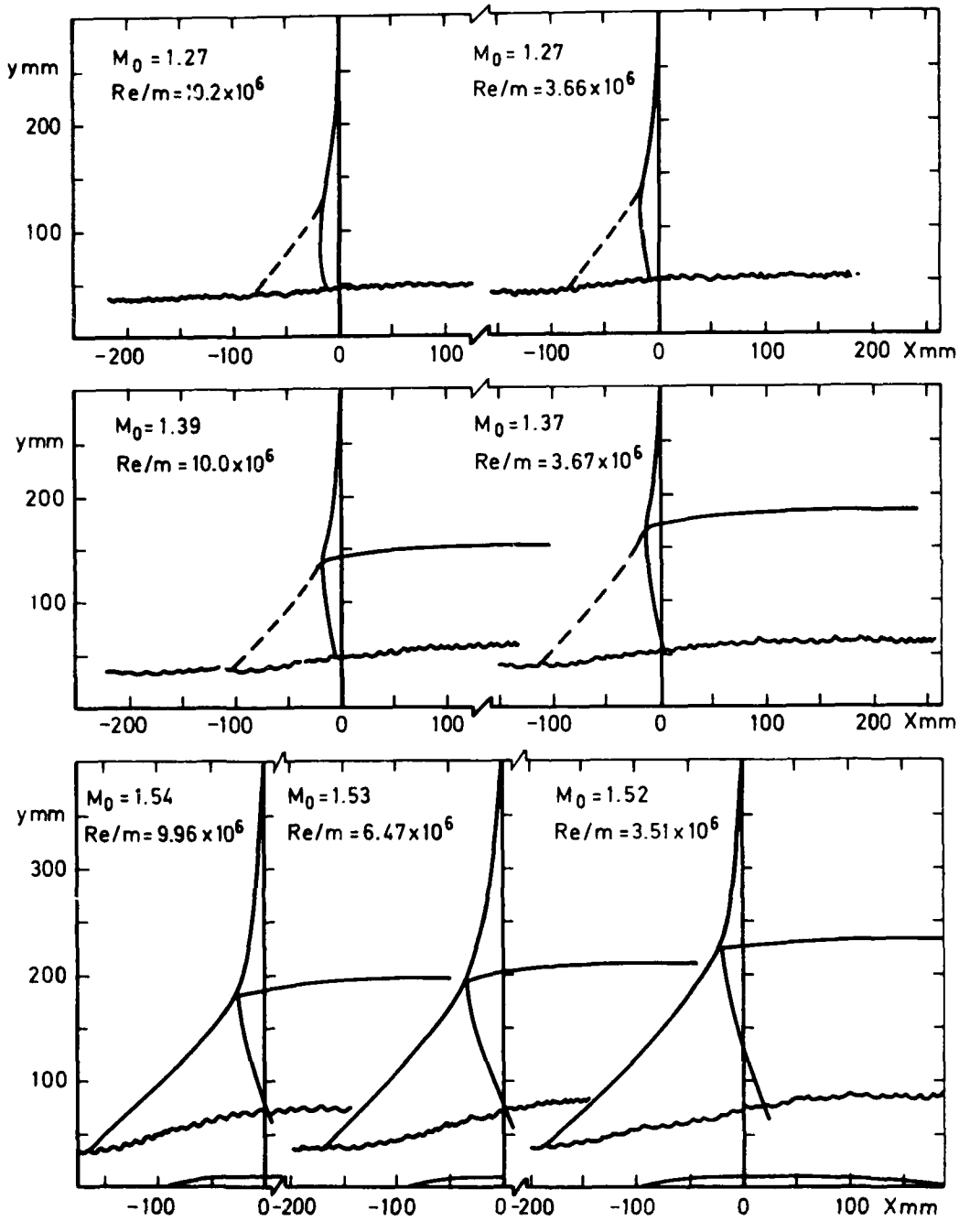

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Fig 6a Normal shock-wave boundary-layer interactions

M_0 = 1.27
Re/m = 10.2 x 10^6

M_0 = 1.39
Re/m = 10 .0 x 10^6

M_0 = 1.54
Re/m = 9.96 x 10^6

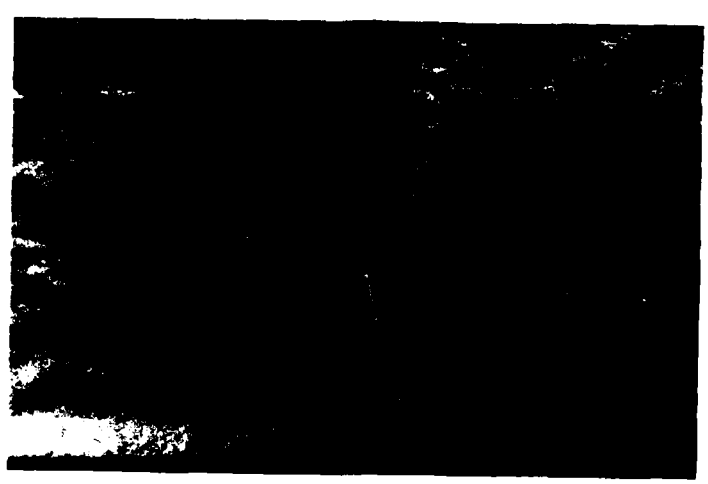
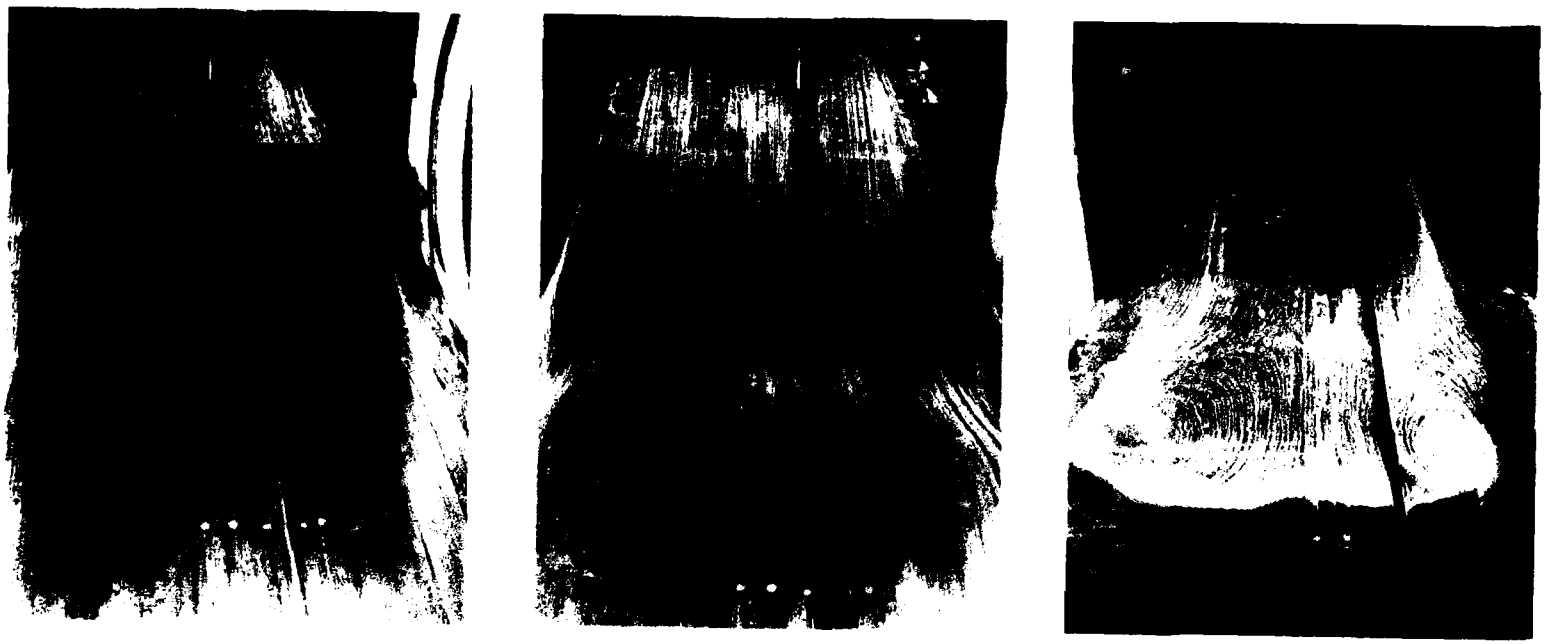
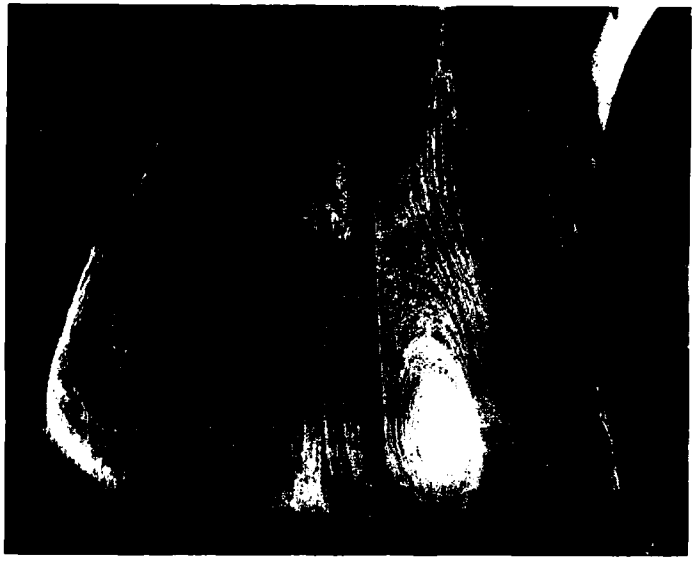


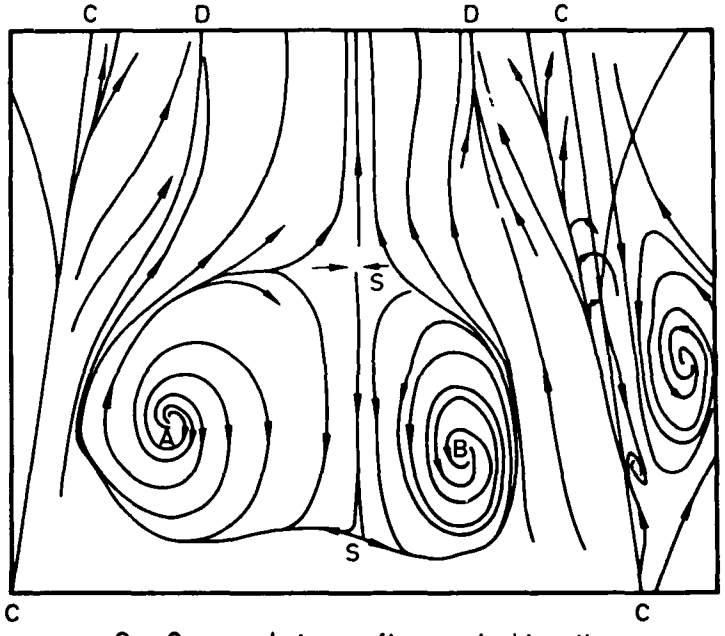
Fig 6b Schlieren photographs of normal shockwave boundary-layer interaction



M = 1.3 M = 1.4 M = 1.5

Fig 7 Oil flow under interaction regions





C Corners between floor and sidewalls
A Attachment node
B Separation node
D Strong convergence lines
S Saddle points

Fig 8 Oil flow under interaction region at M = 1.5

Fig 9

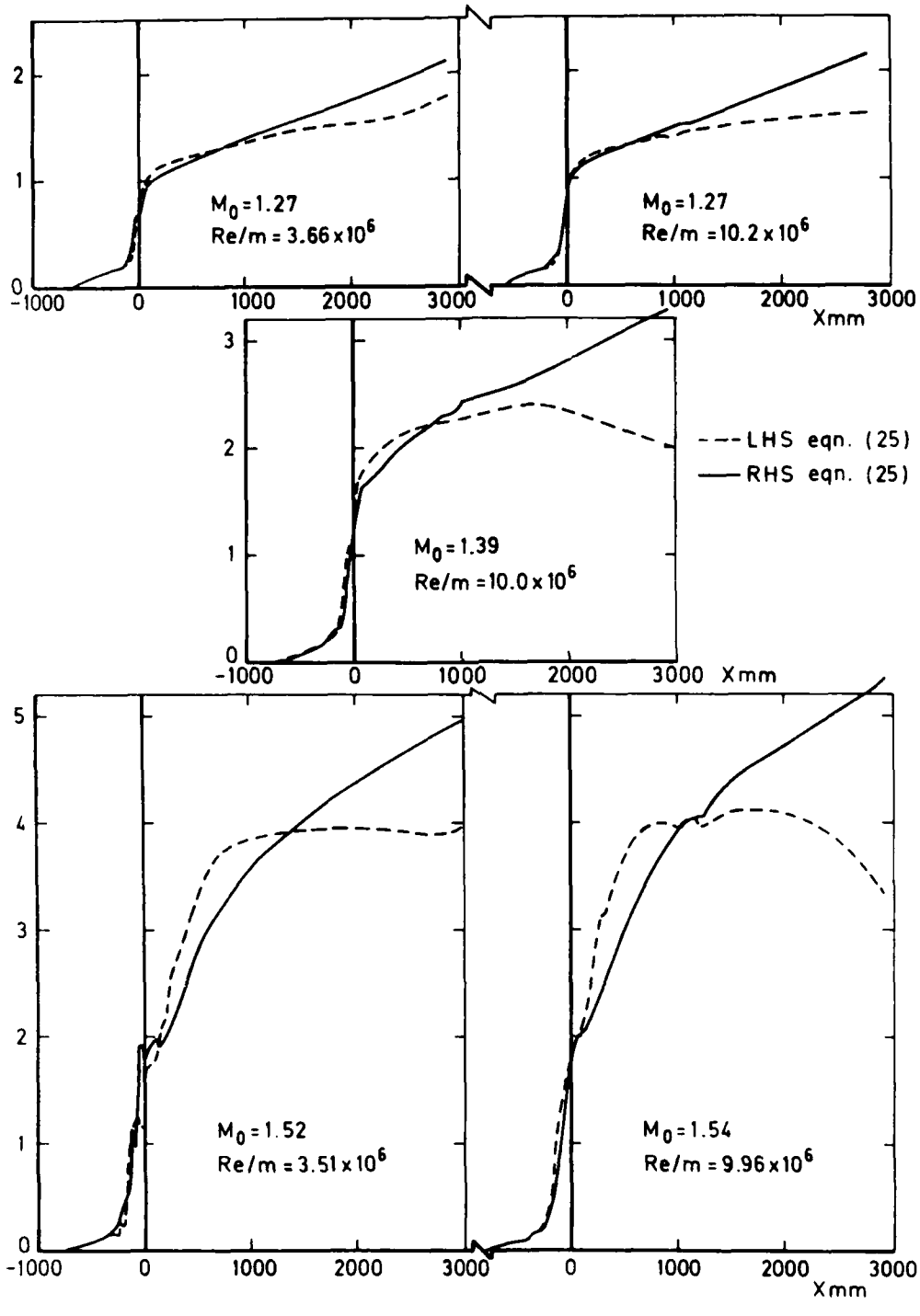


Fig 9 Momentum balance based on measured p + calculated p_i for $X < 0$

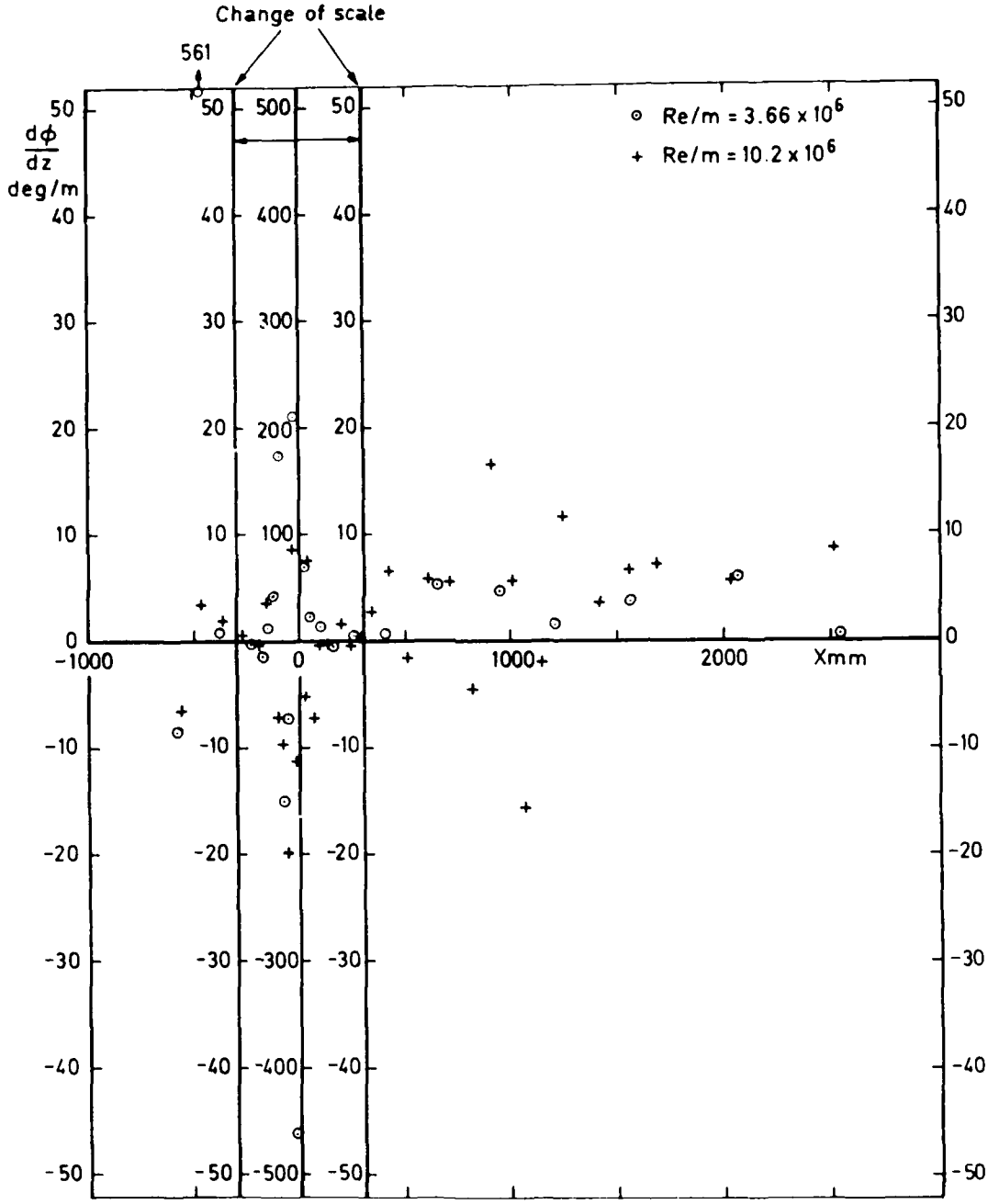


Fig 10a Flow divergence needed to balance momentum integral equation, M = 1.3

Fig 10b

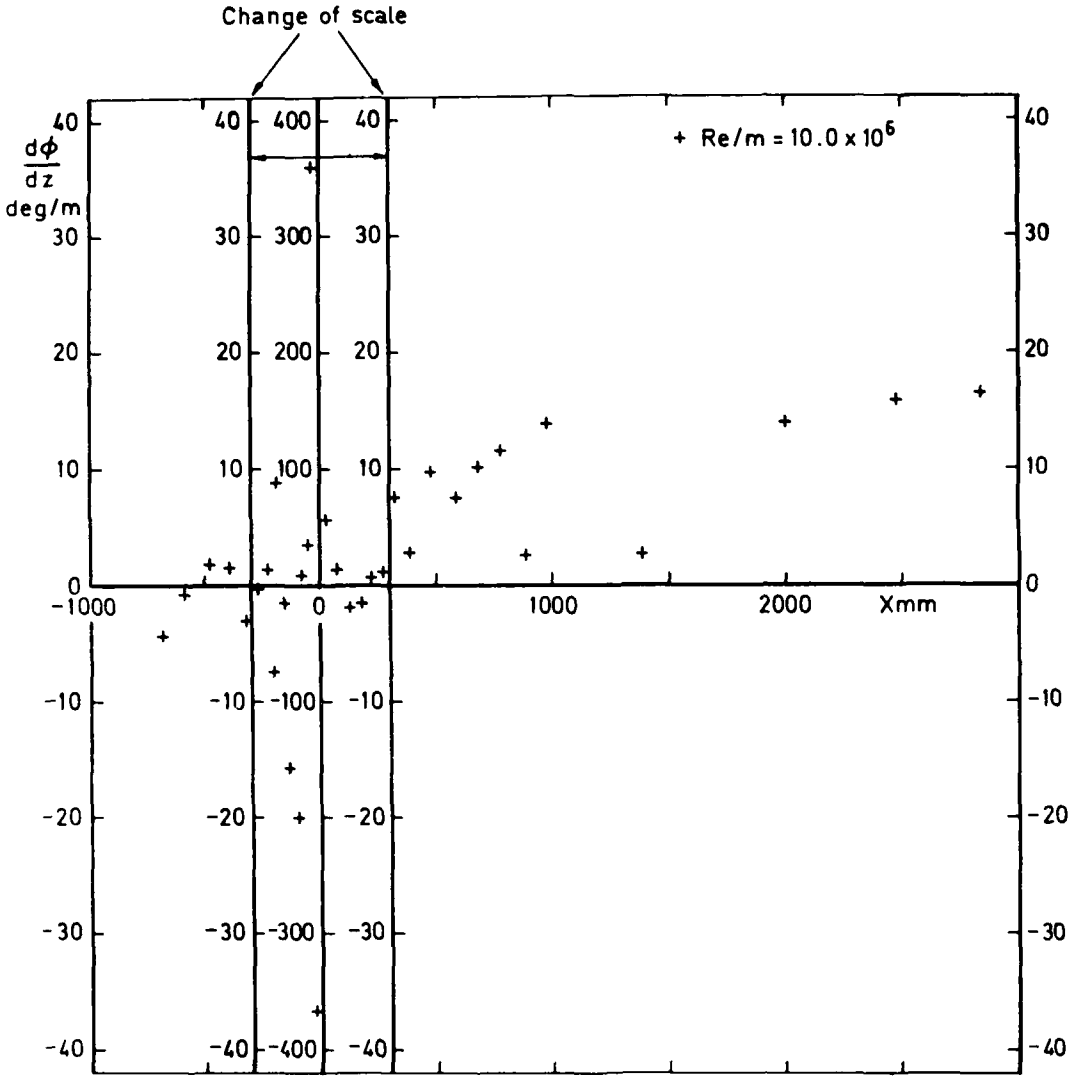


Fig 10b Flow divergence needed to balance momentum integral equation, M = 1.4

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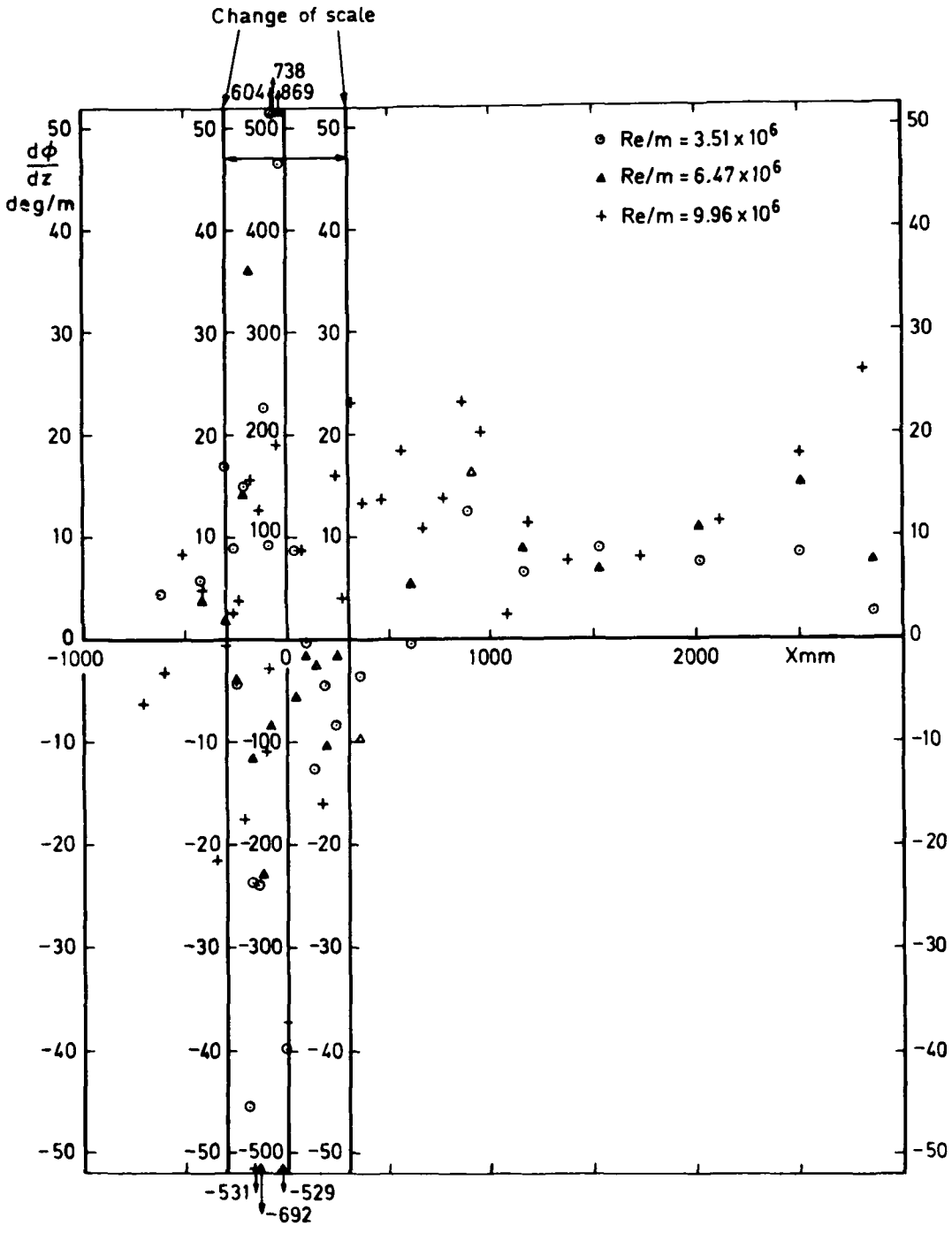

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Fig 10c Flow divergence needed to balance momentum integral equation, M = 1.5

Fig 11

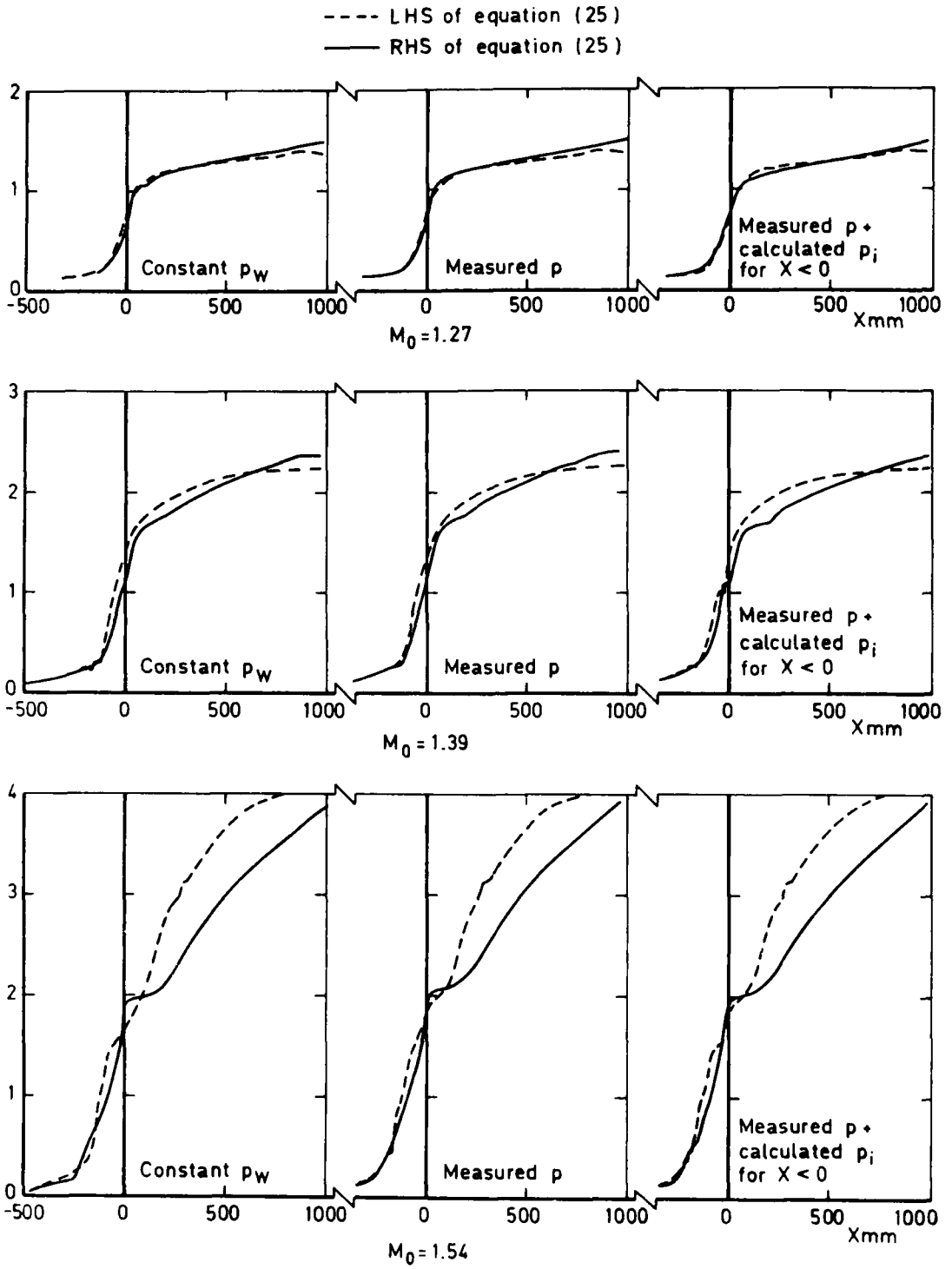

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Fig 11 Comparison of momentum balance calculations at Re/m = 10×10^6

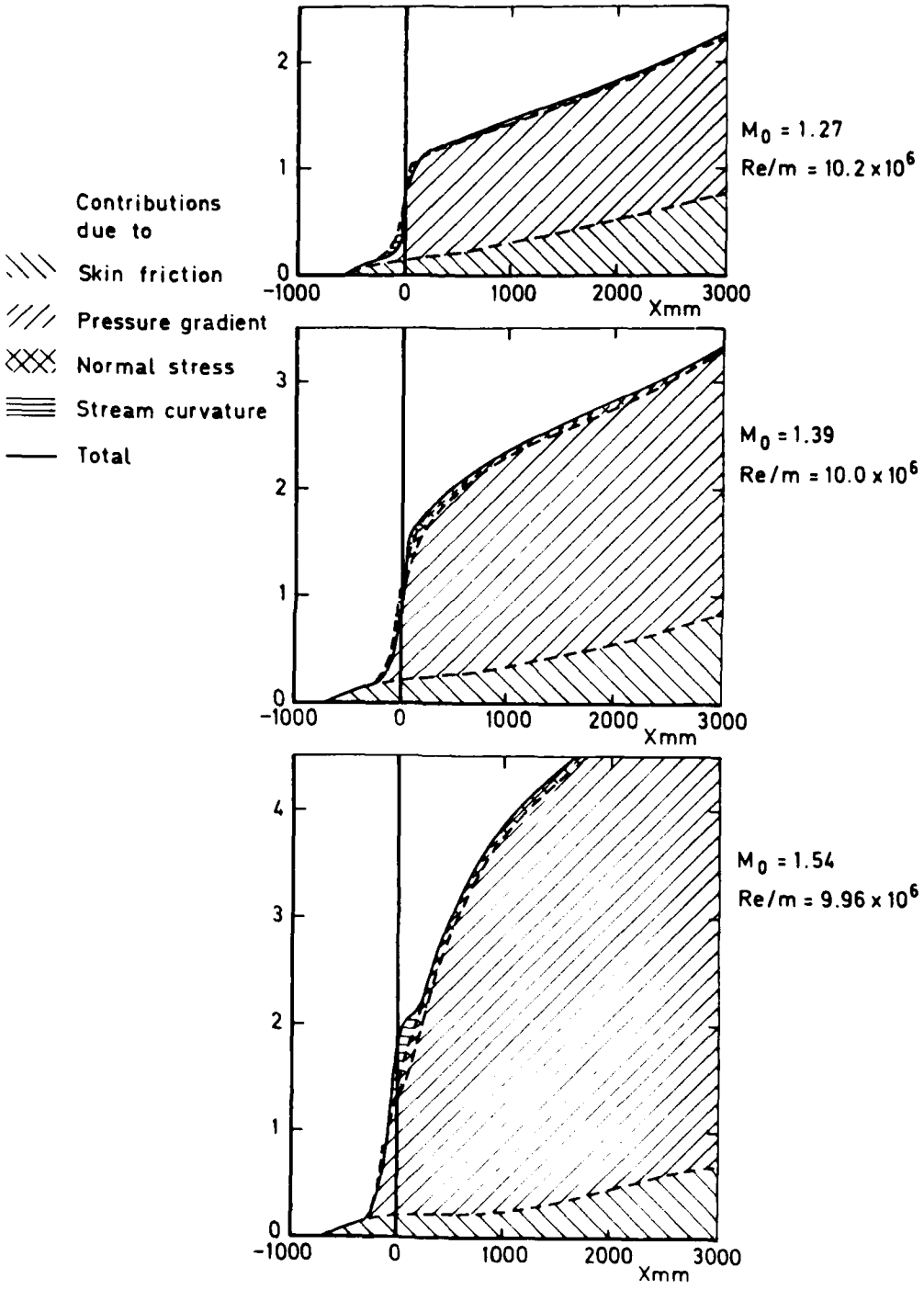

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Fig 12 Composition of right hand side of momentum integral equation (measured p + calculated p_i)

Fig 13a

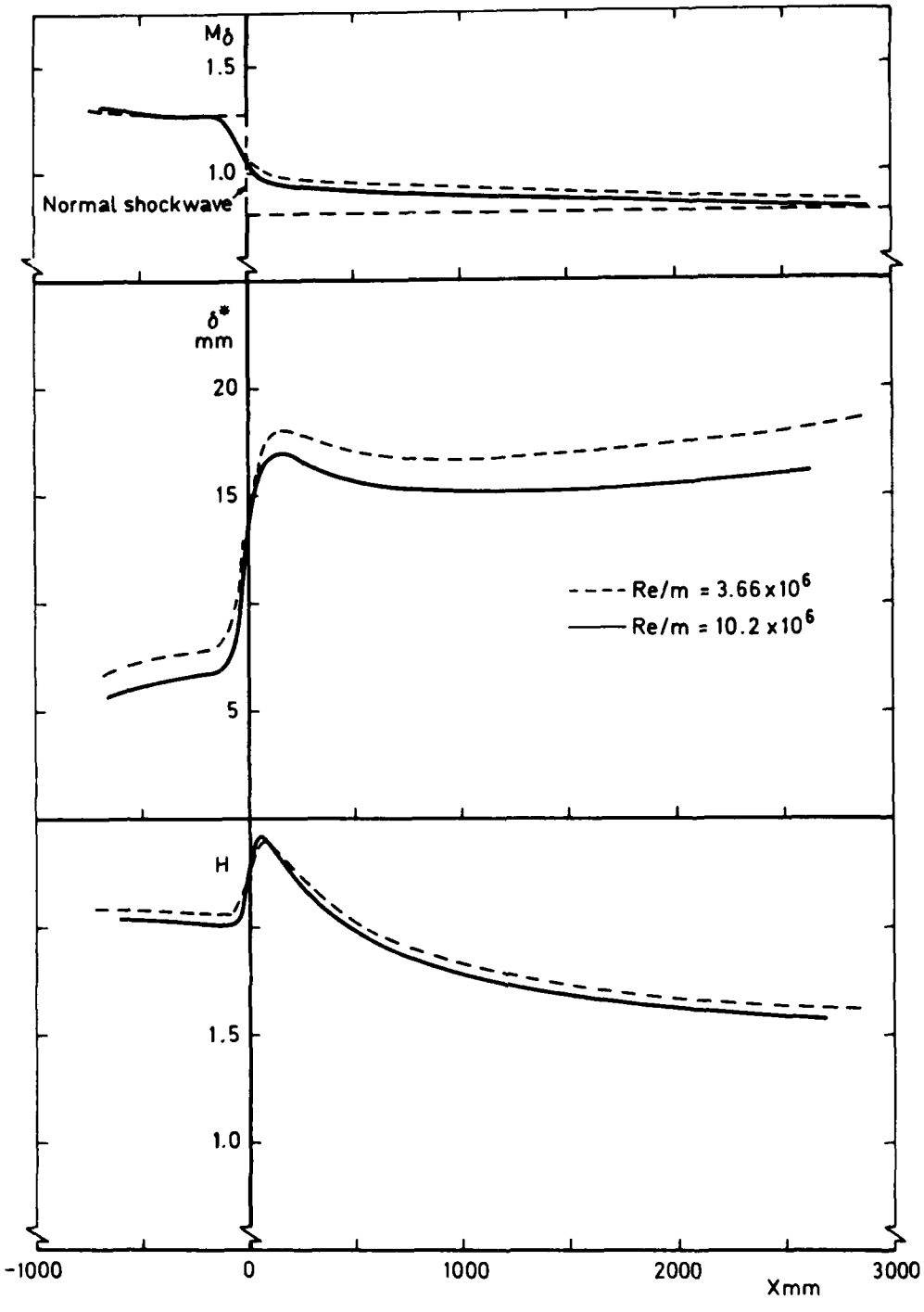

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Fig 13a Boundary layer development ($p = p_w$) M = 1.3

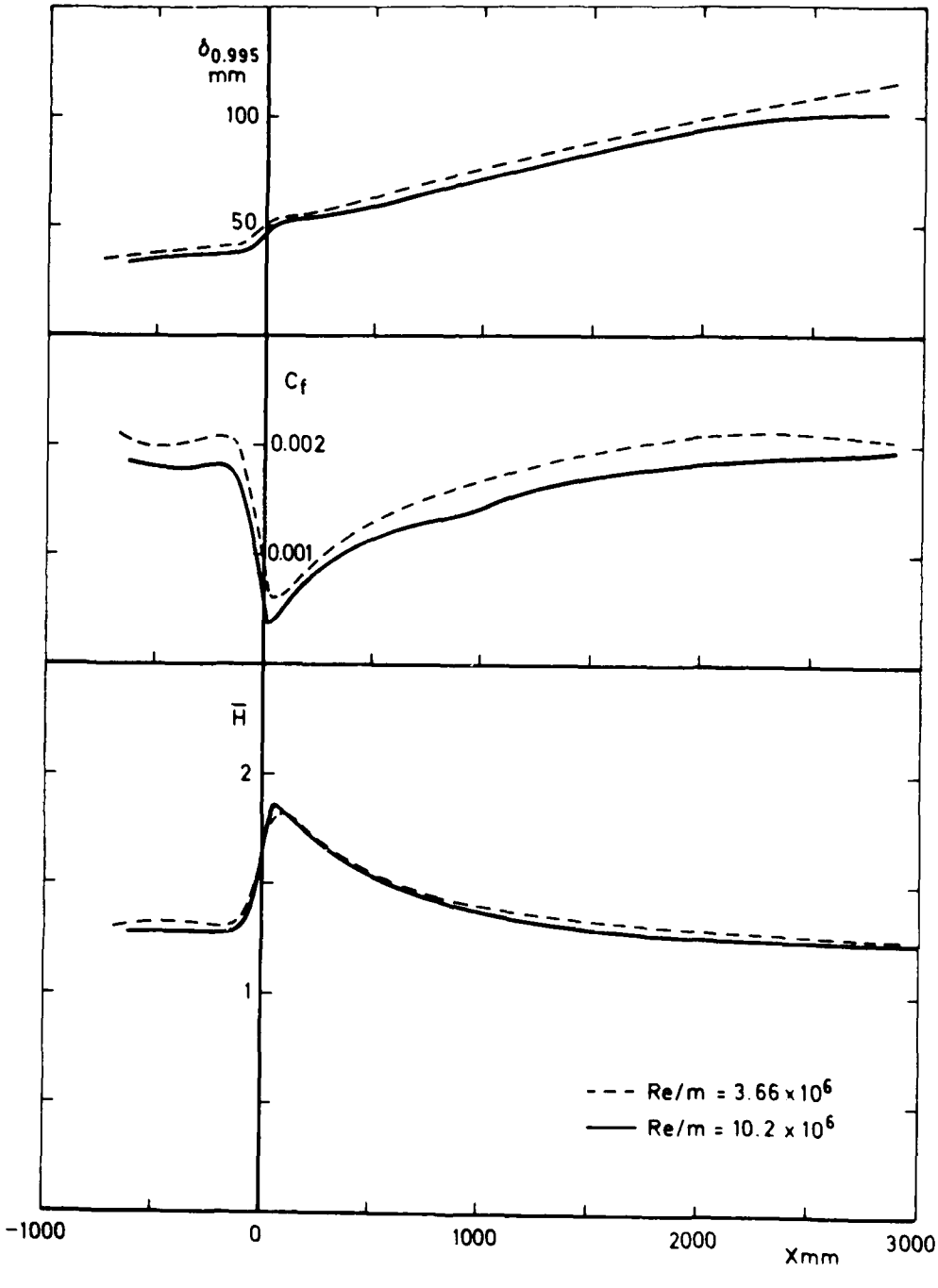

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Fig 13a (concld) Boundary layer development ($p = p_w$) M = 1.3

Fig 13b

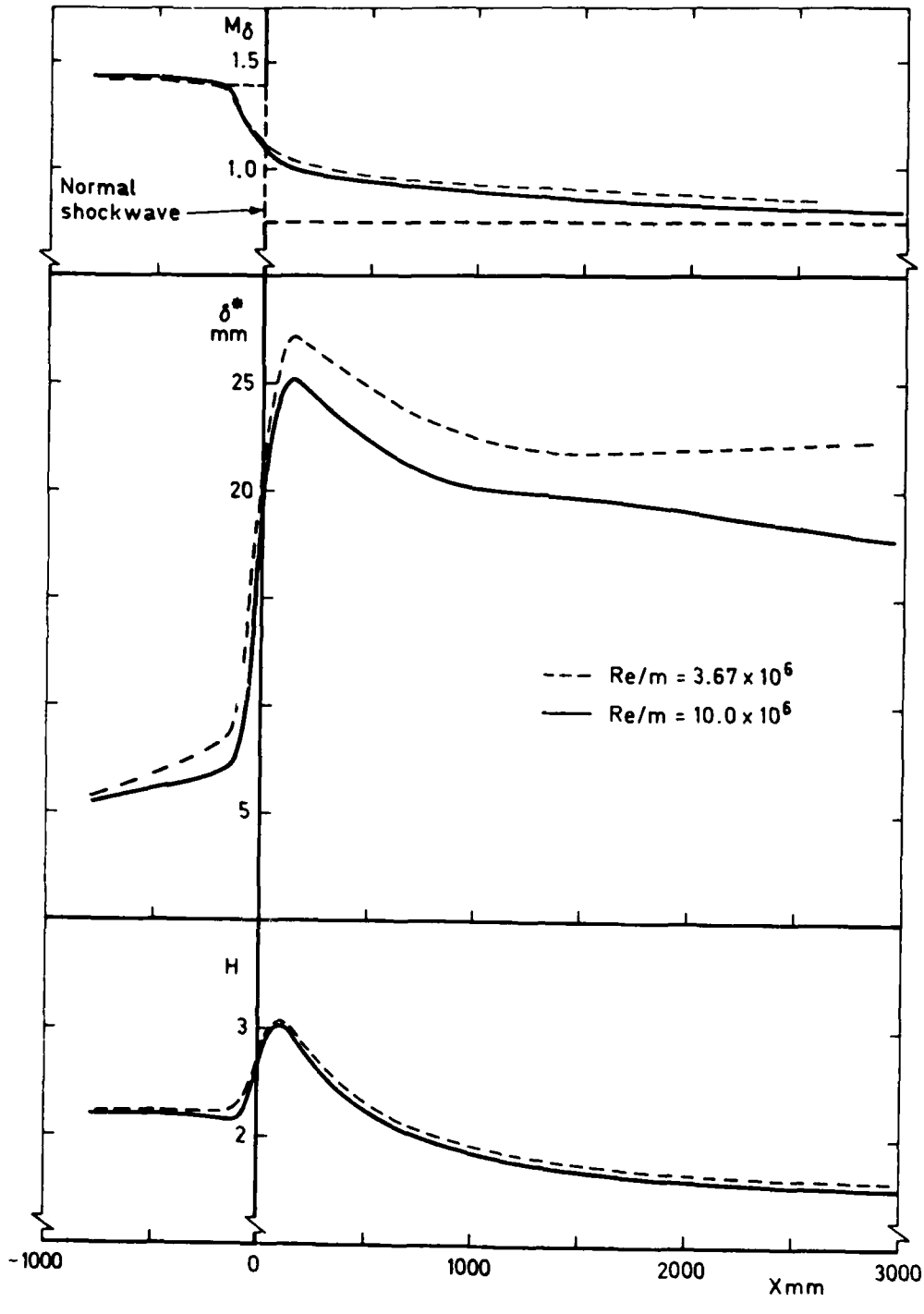

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Fig 13b Boundary layer development ($p = p_w$) M = 1.4

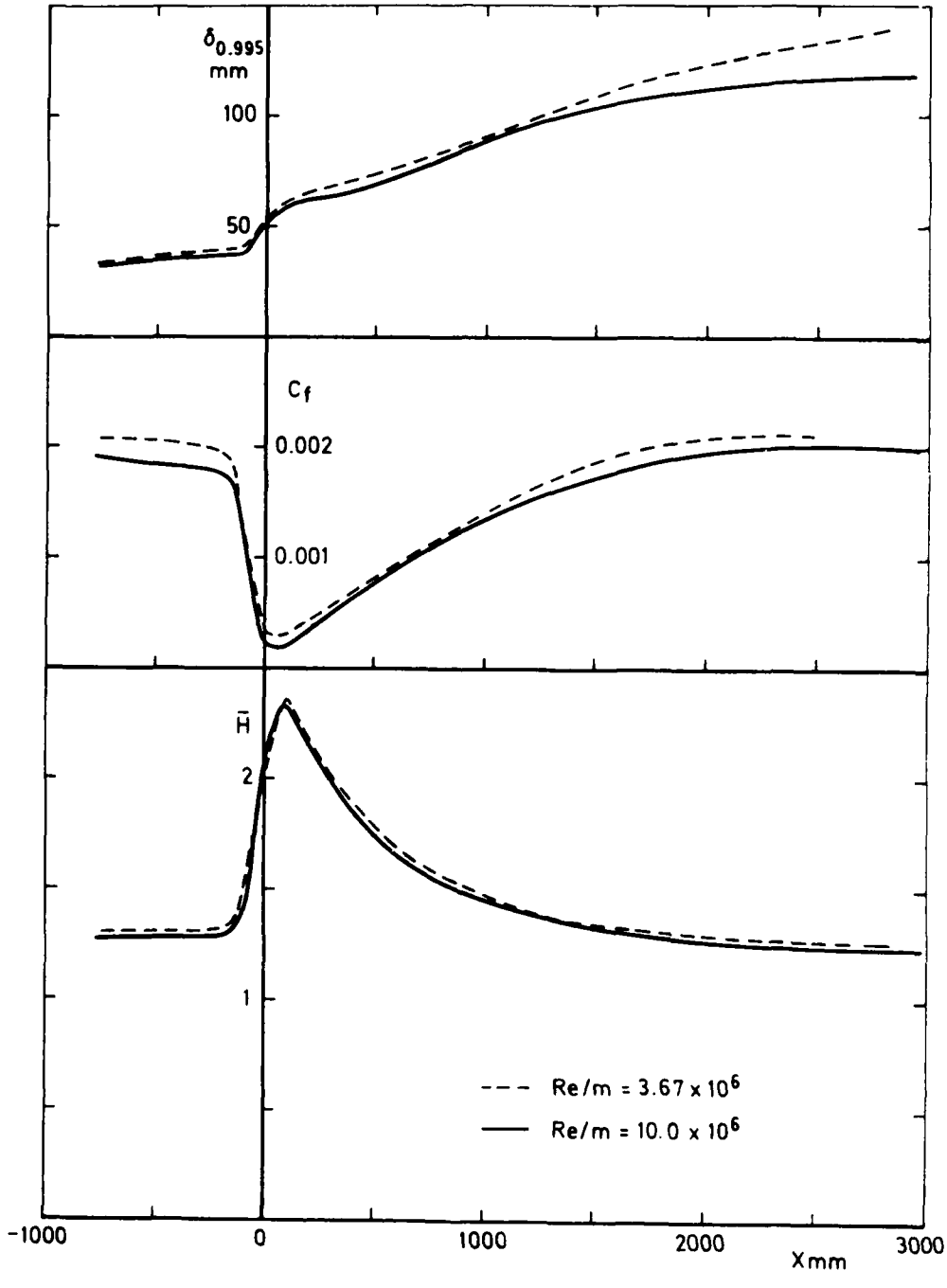

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Fig 13b (concld) Boundary layer development ($p = p_w$) M = 1.4

Fig 13c

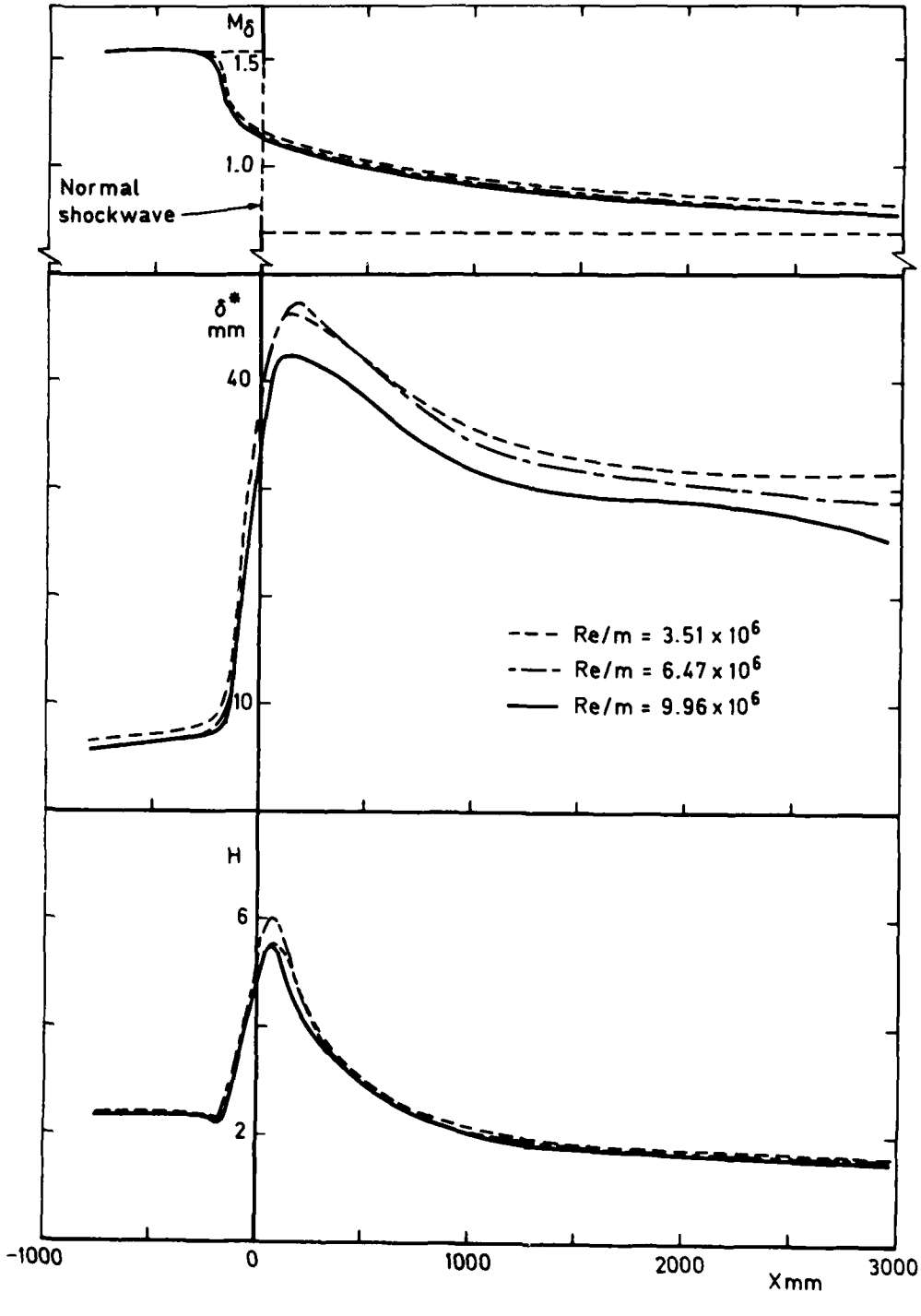

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Fig 13c Boundary layer development ($p = p_w$) M = 1.5

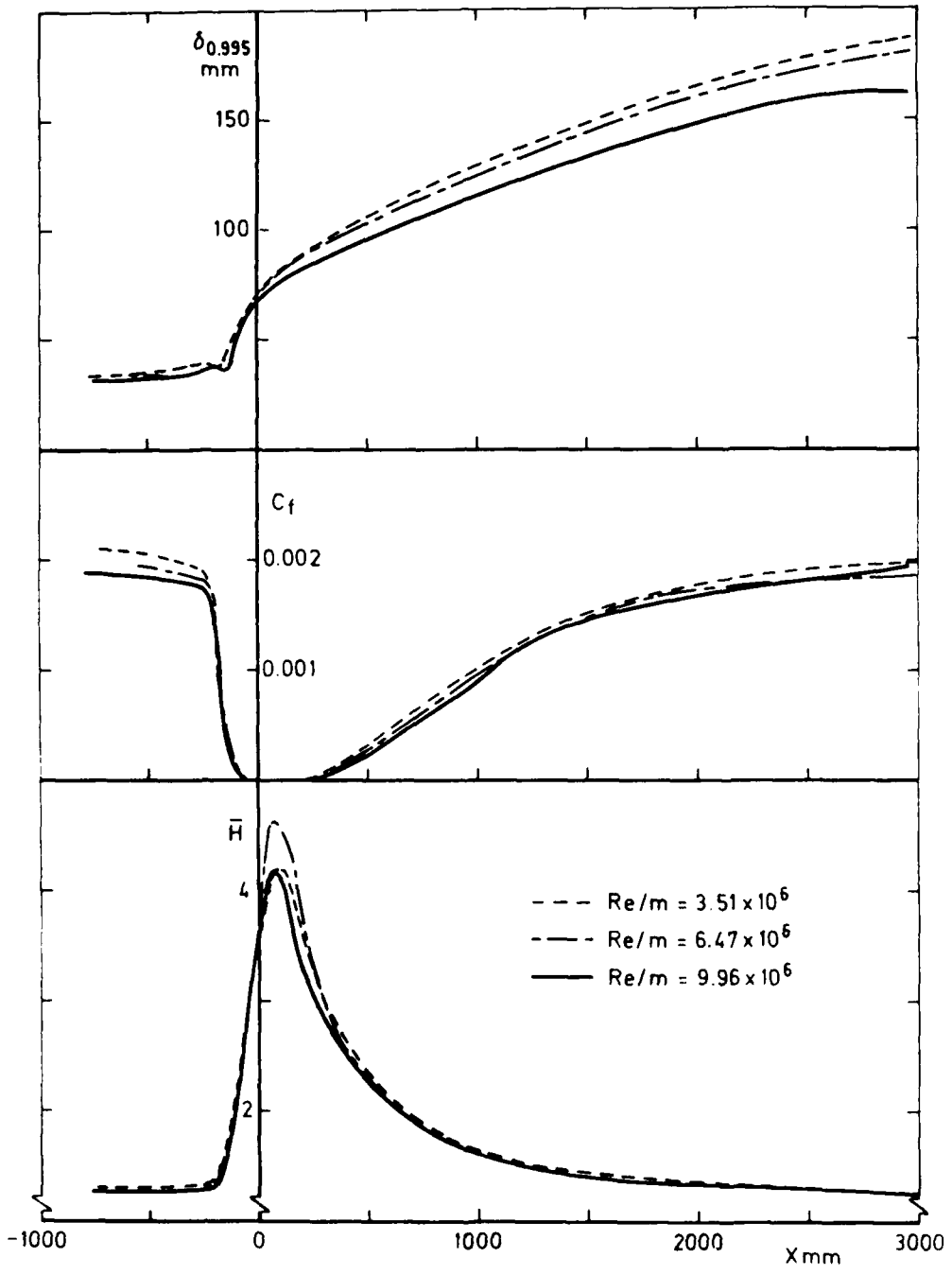

Fig 13c (concld) Boundary layer development ($p = p_w$) M = 1.5

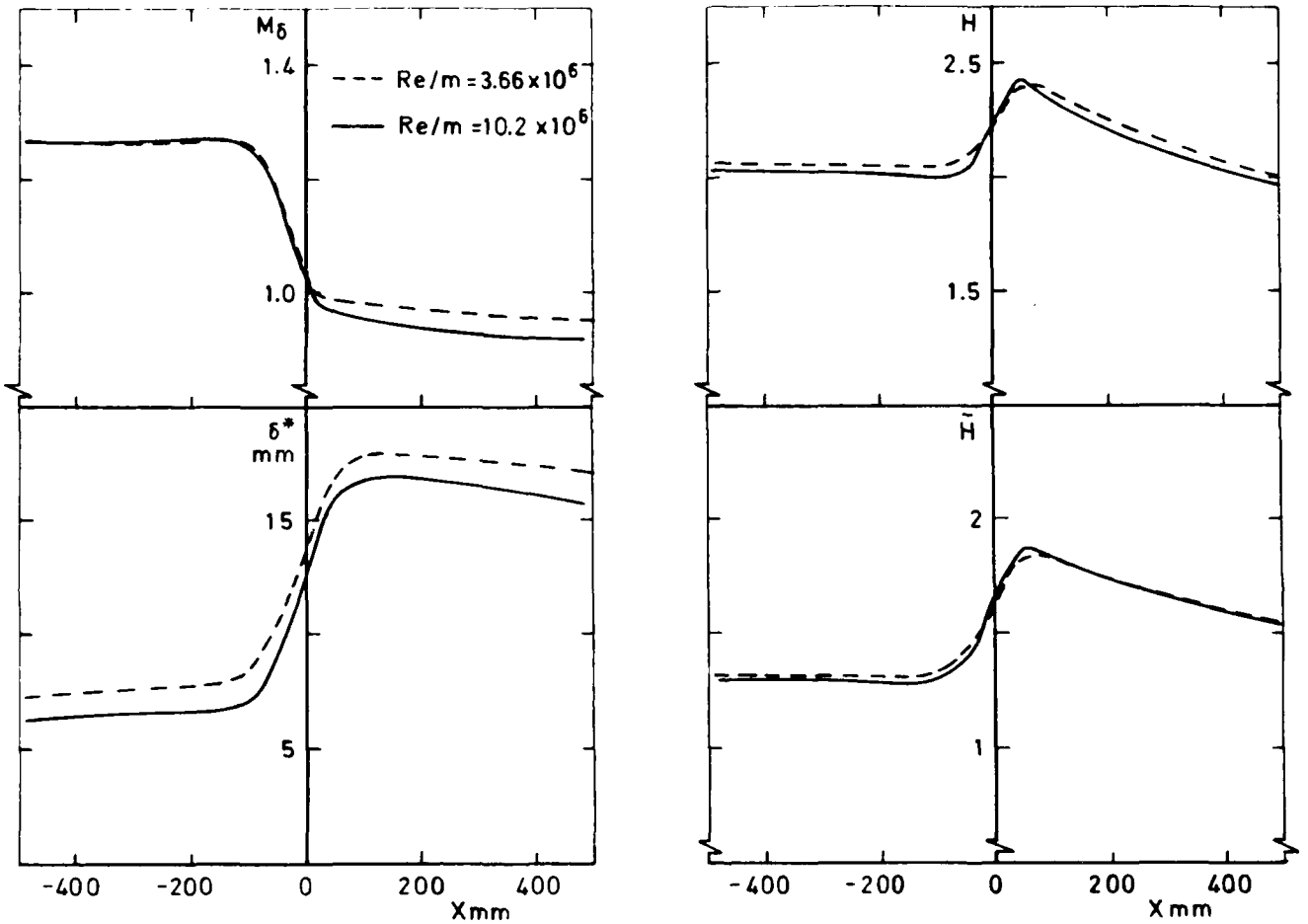

Fig 14a Boundary layer development (measured p) M = 1.3

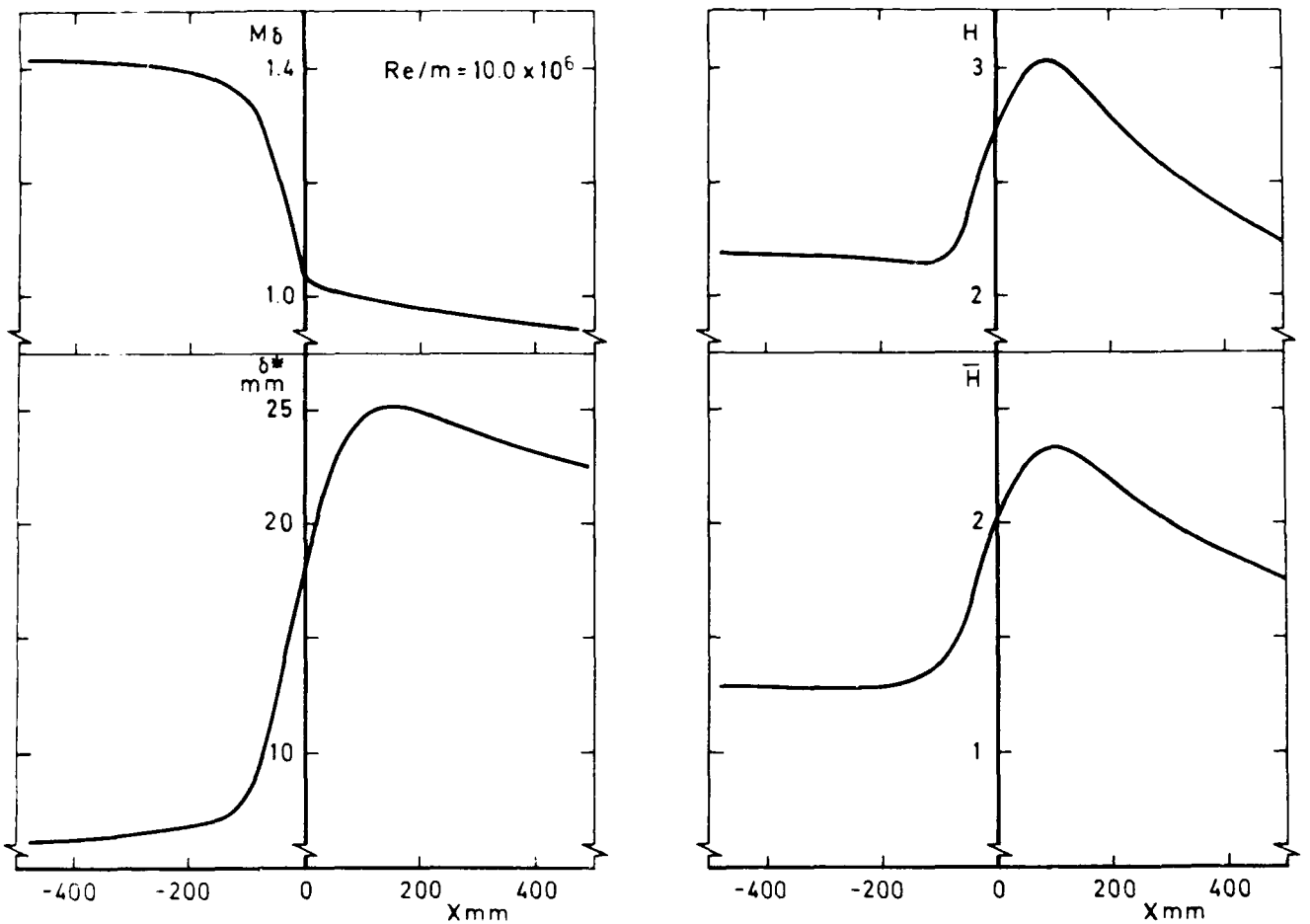

Fig 14b Boundary layer development (measured p) M = 1.4

Fig 14c

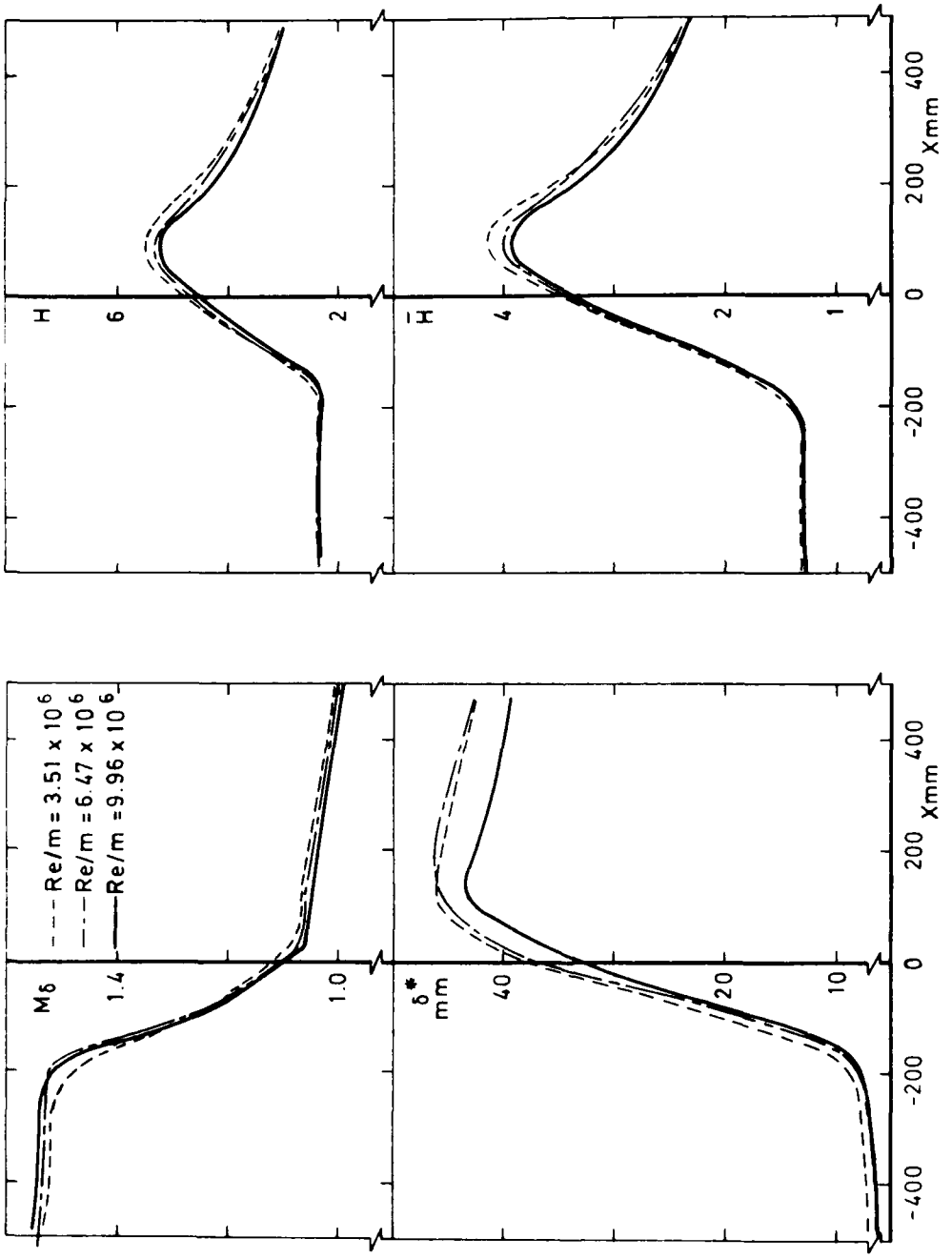

Fig 14c Boundary layer development (measured p) M = 1.5

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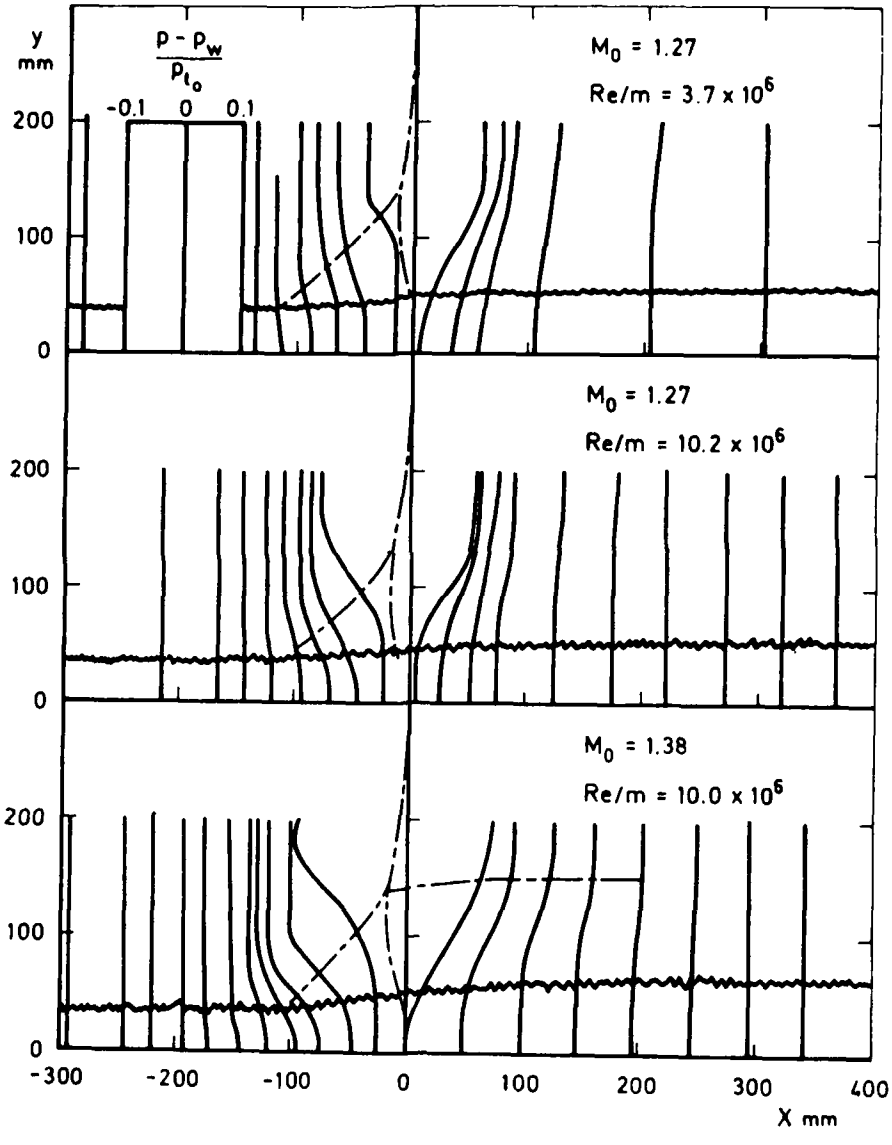

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Fig 15a Measured static pressures

Fig 15b

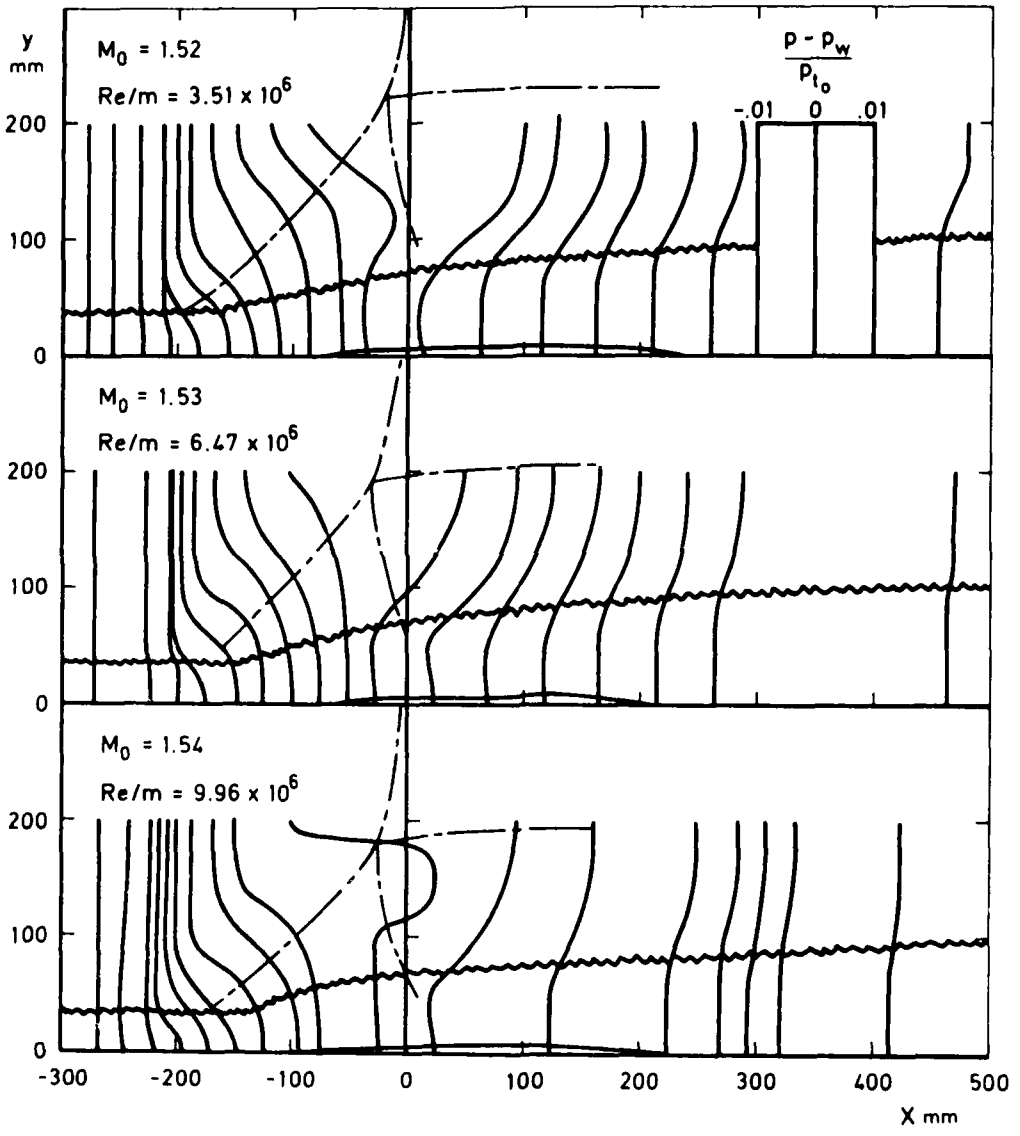

Fig 15b Measured static pressures

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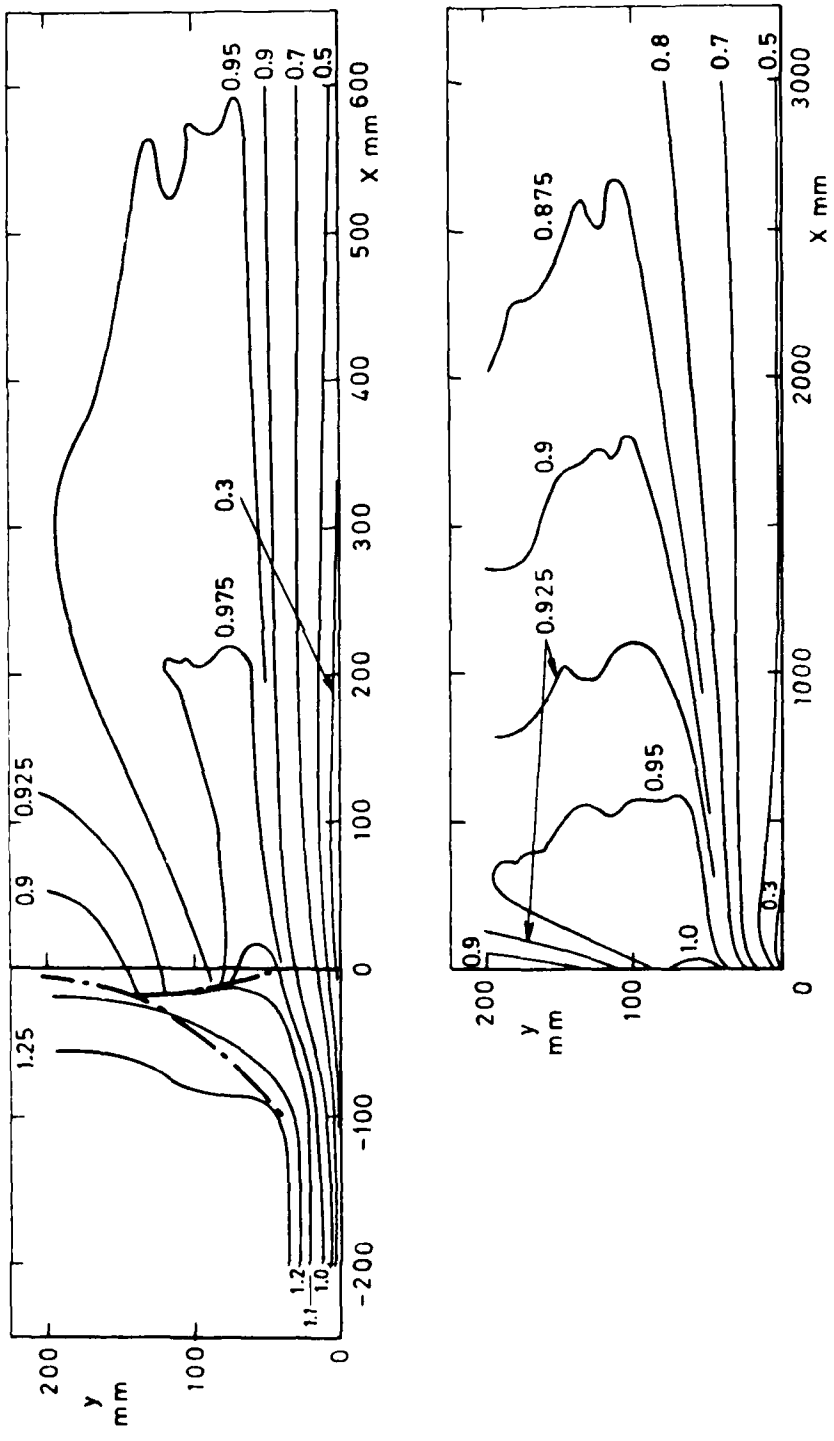

Fig 16a Mach number distribution, $M_0 = 1.27$, Re/m = 3.66×10^6

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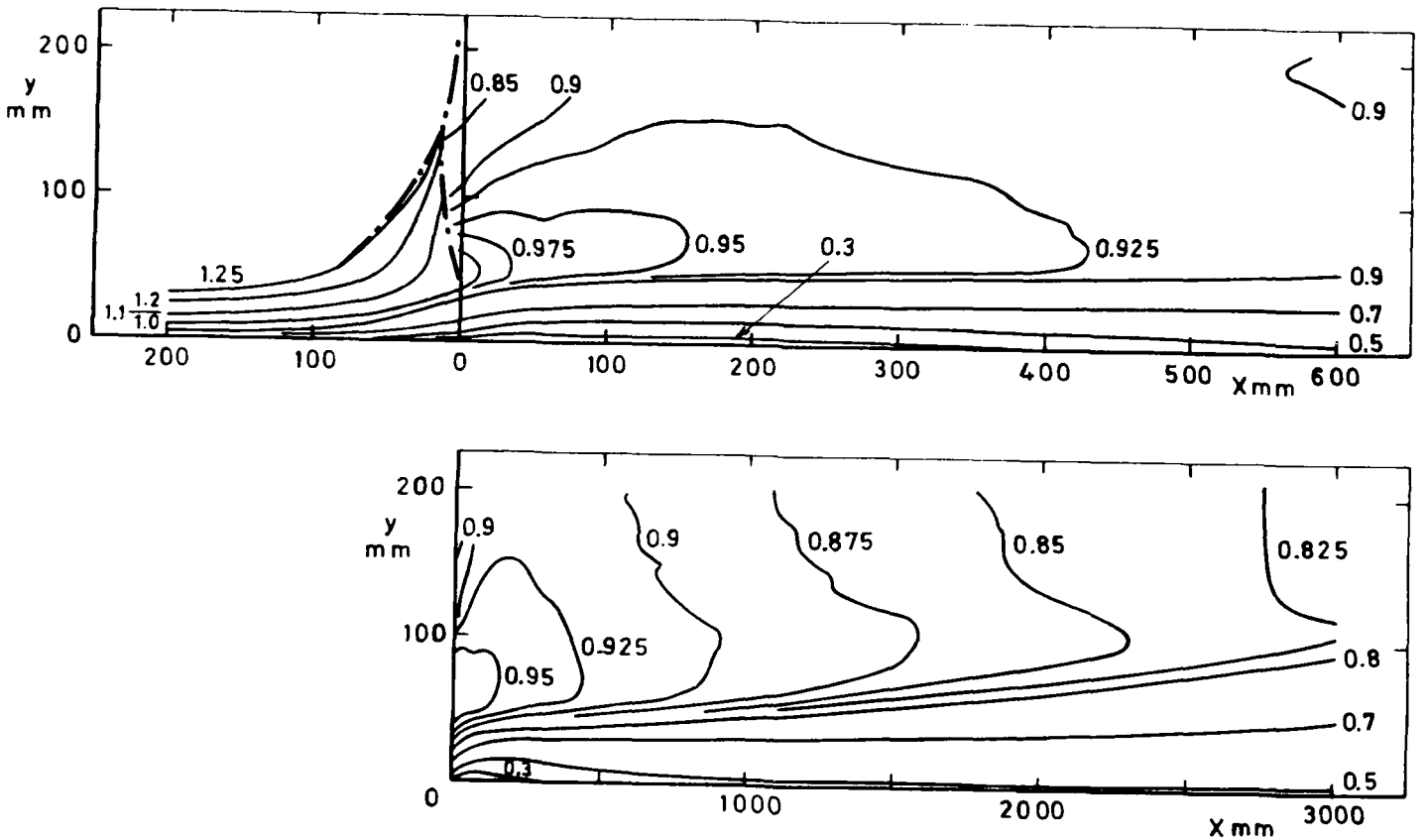

Fig 16b Mach number distribution, M_0 = 1.27, Re/m = 10.2×10^6

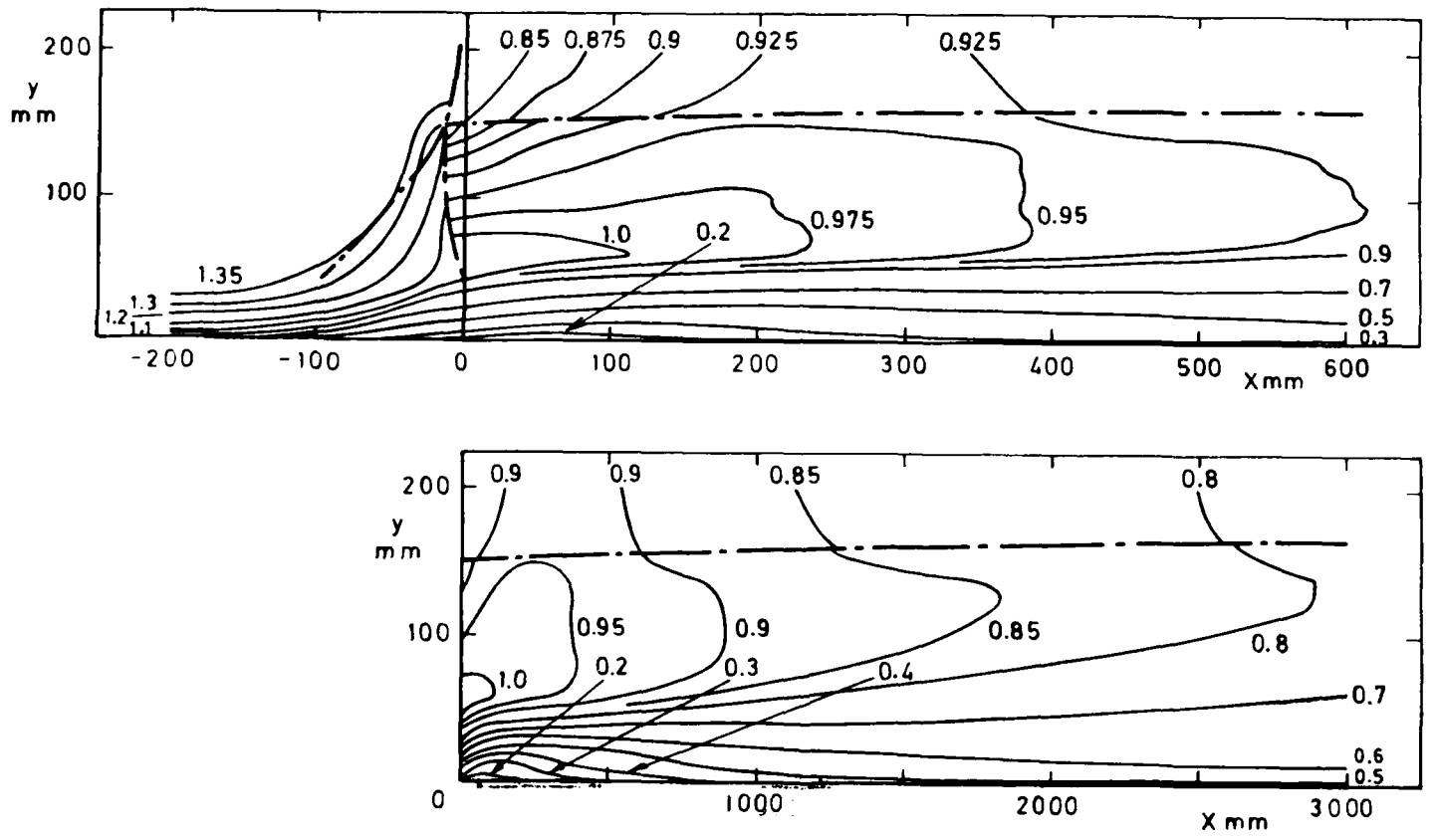

Fig 16c Mach number distribution, M_0 = 1.39, Re/m = 10.0 x 10^6

Fig 16d

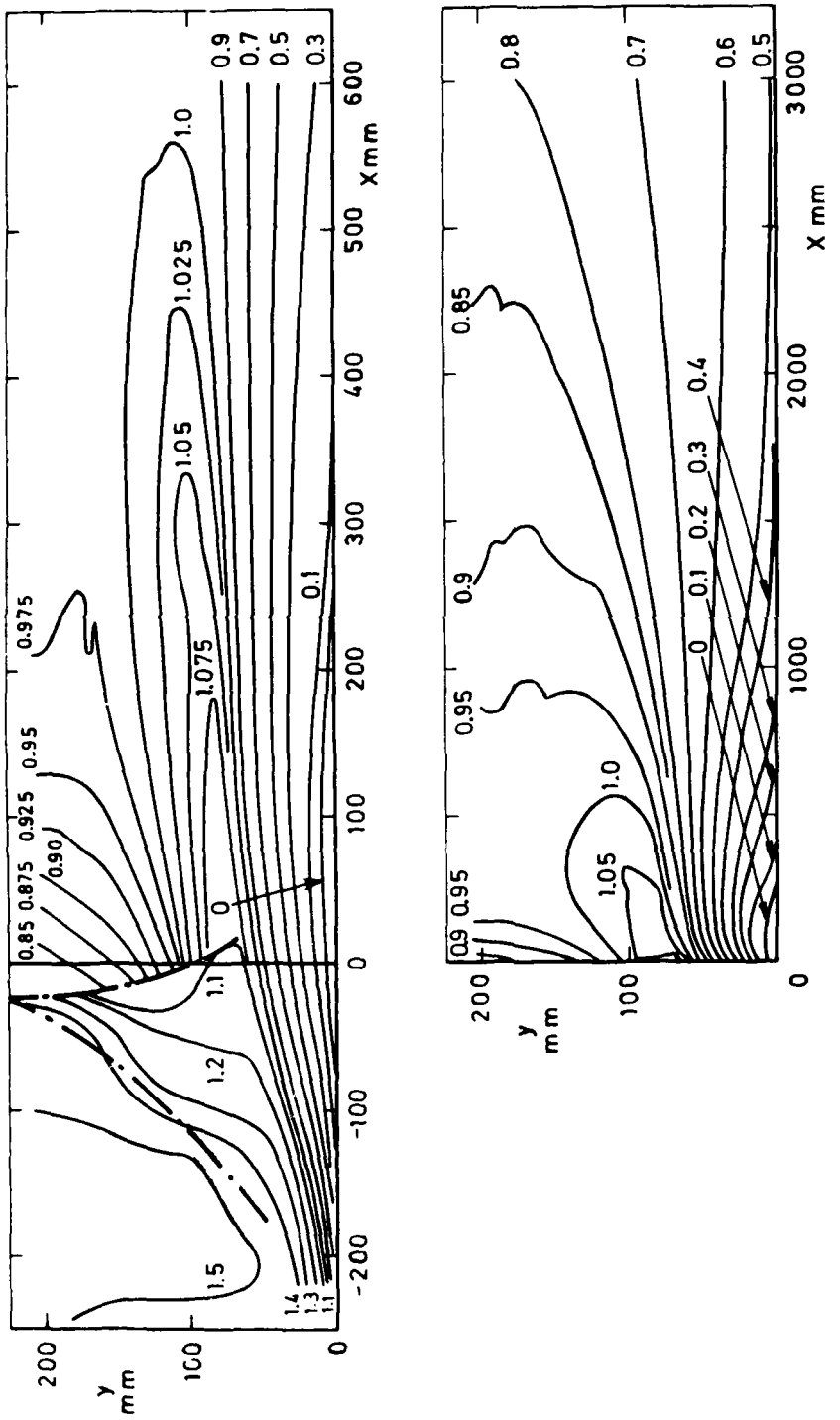

Fig 16d Mach number distribution, $M_0 = 1.52$, $Re/m = 3.51 \times 10^6$

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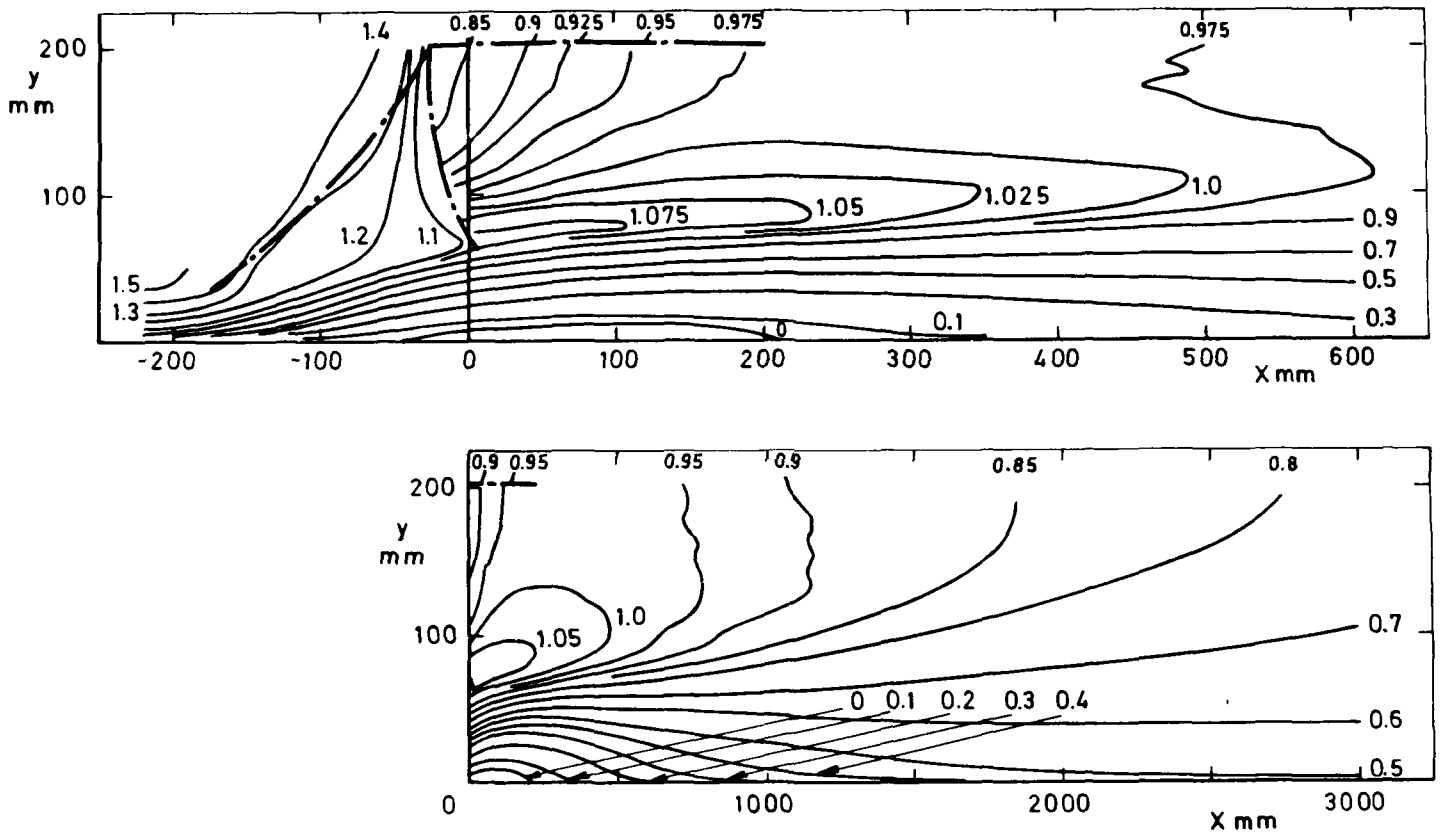

Fig 16e Mach number distribution, M_0 = 1.53, Re/m = 6.47 x 10^6

Fig 16f

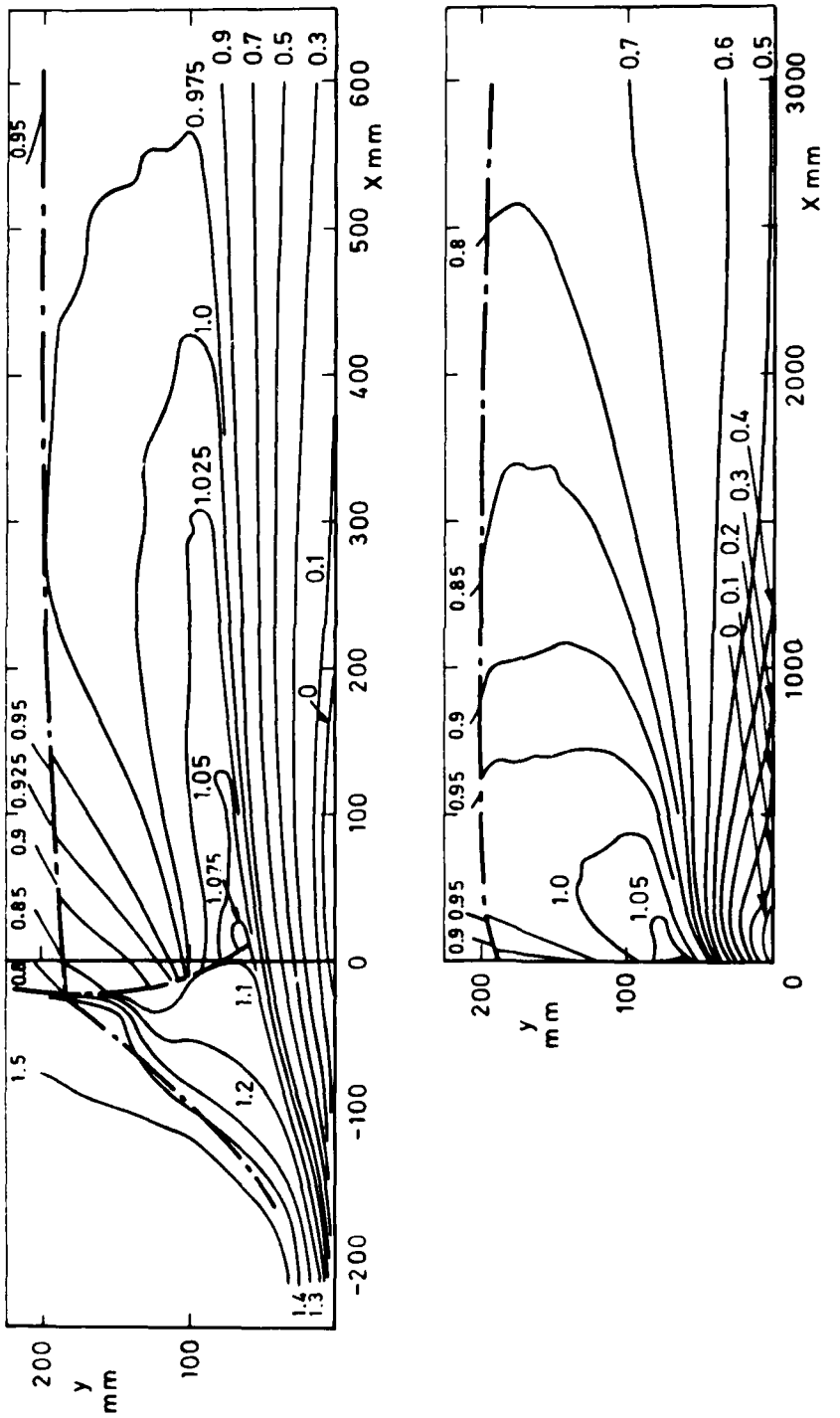

Fig 16f Mach number distribution, $M_0 = 1.54$, Re/m = 9.96×10^6

Fig 17a

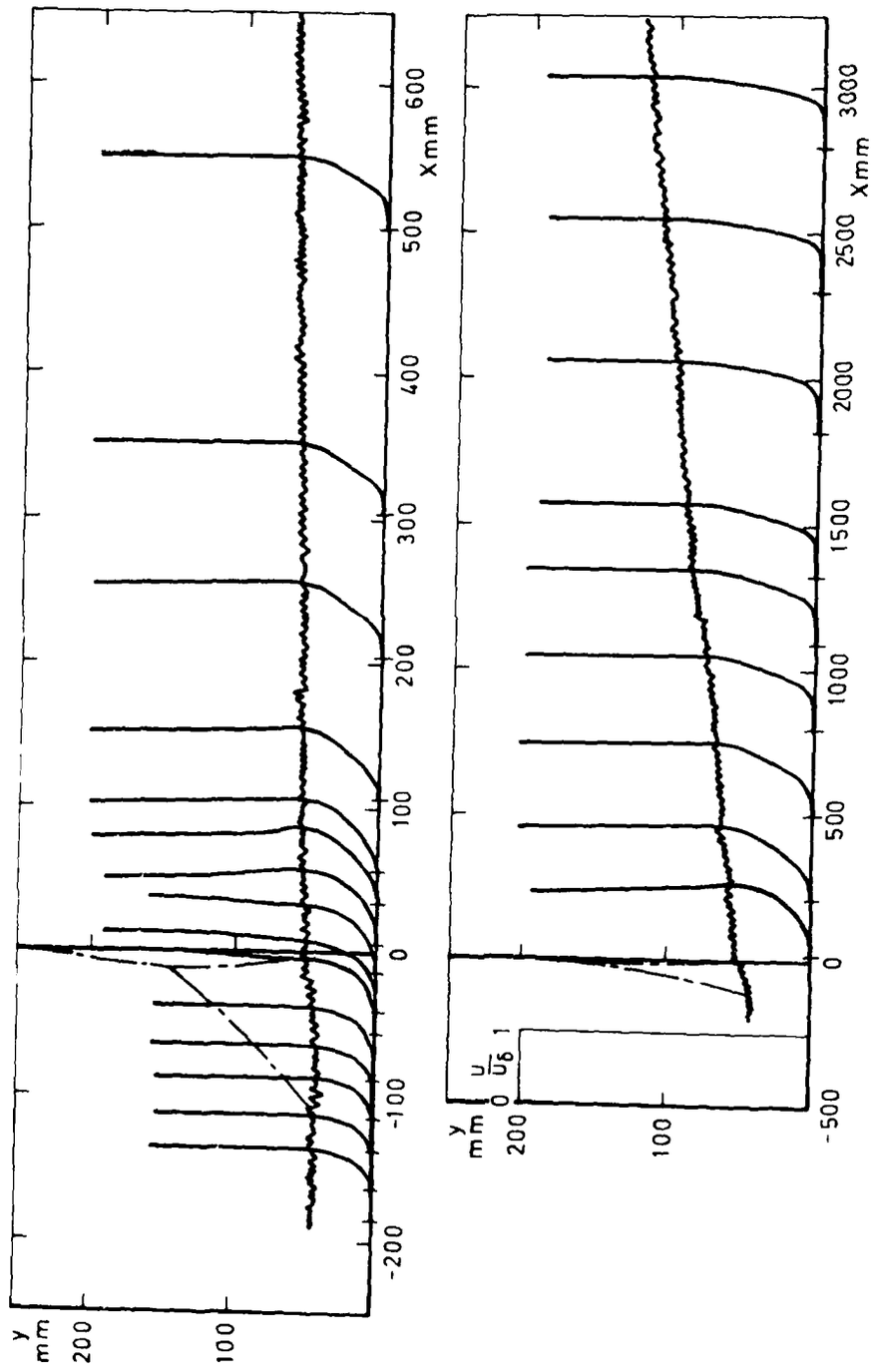

Fig 17a Velocity profiles, $M_0 = 1.27$, $Re/m = 3.66 \times 10^6$

Fig 17b

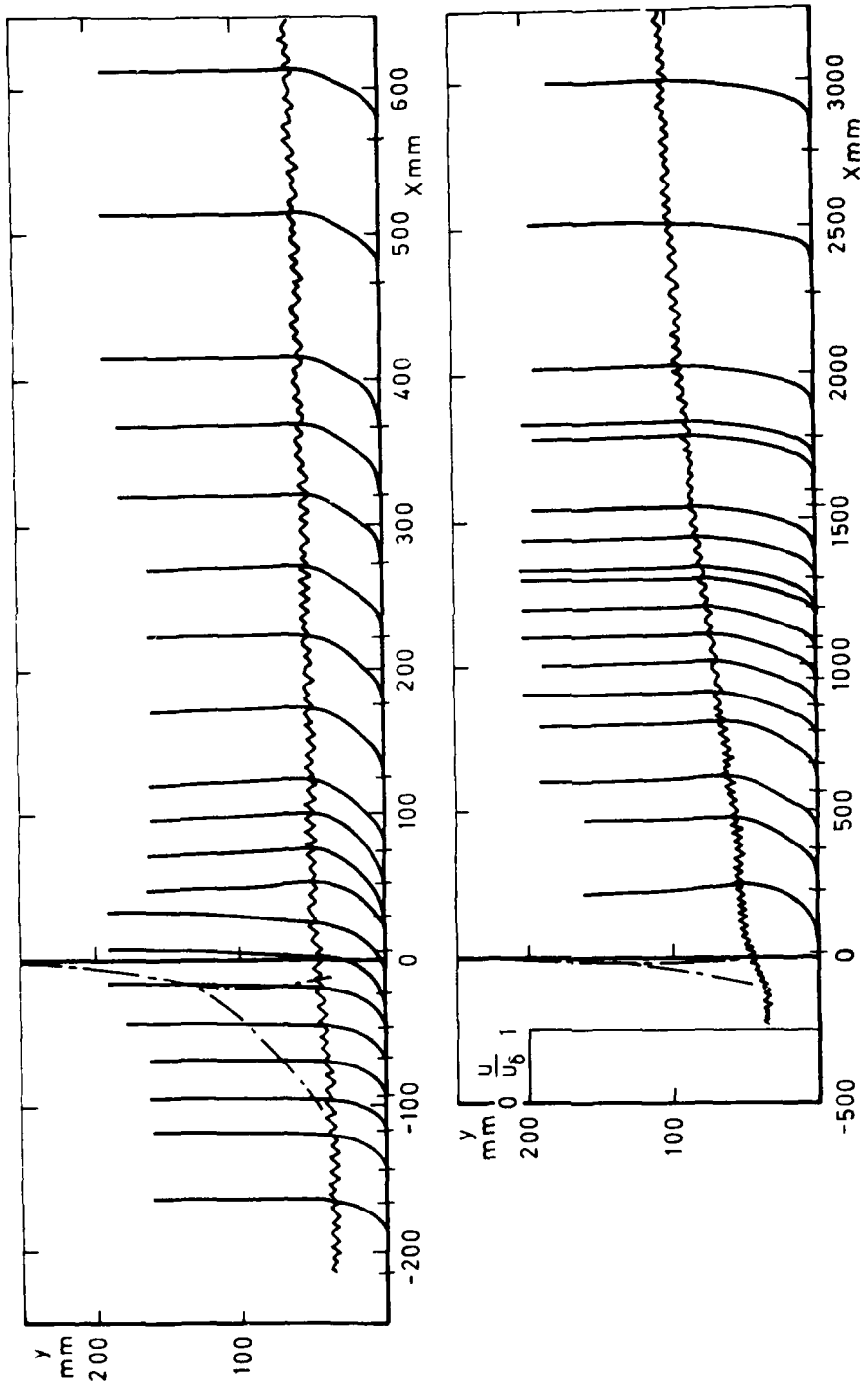

Fig 17b Velocity profiles, $M_0 = 1.27$, Re/m = 10.2×10^6

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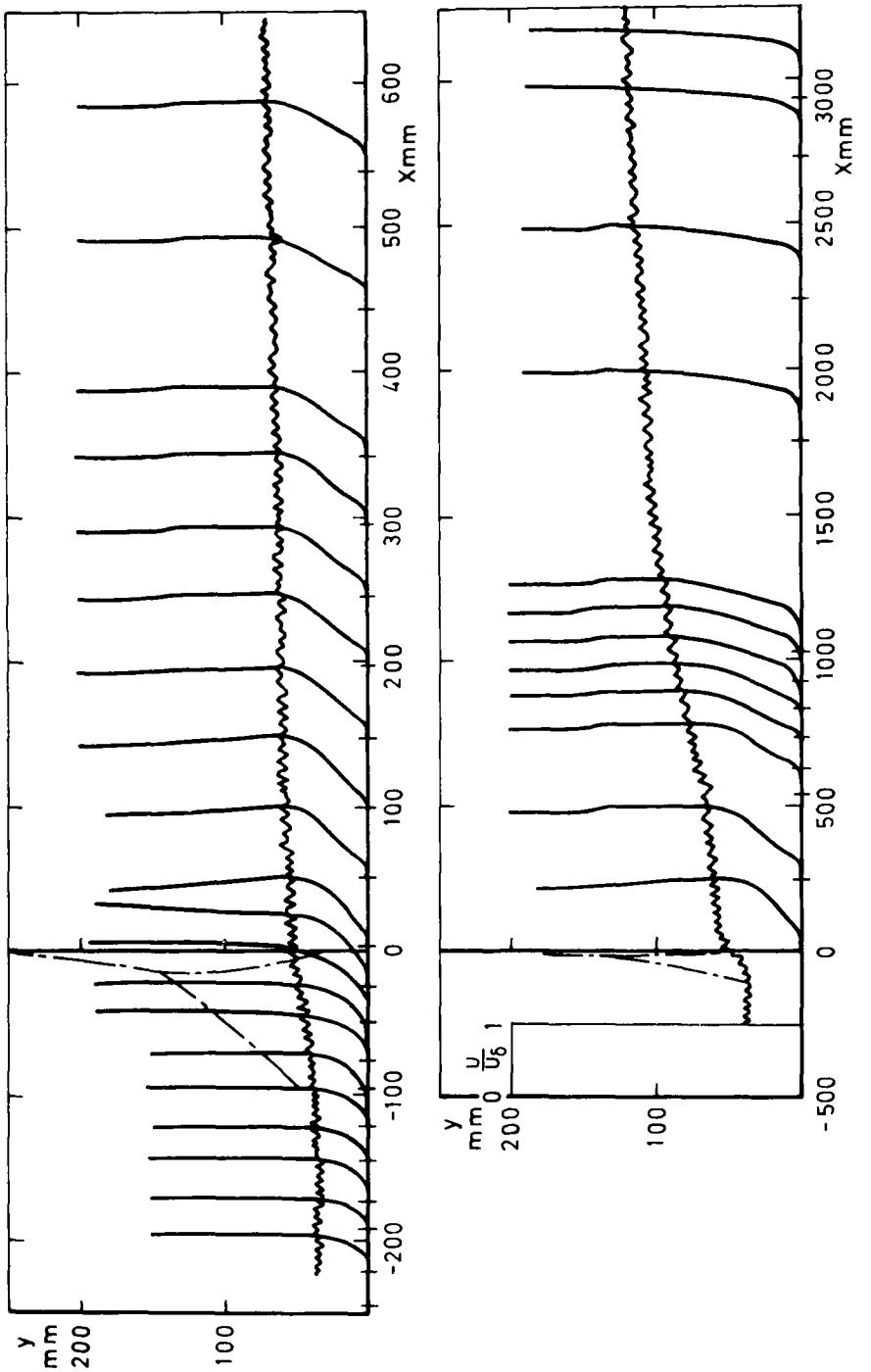

Fig 17c Velocity profiles, $M_0 = 1.39$, $Re/m = 10.0 \times 10^6$

Fig 17d

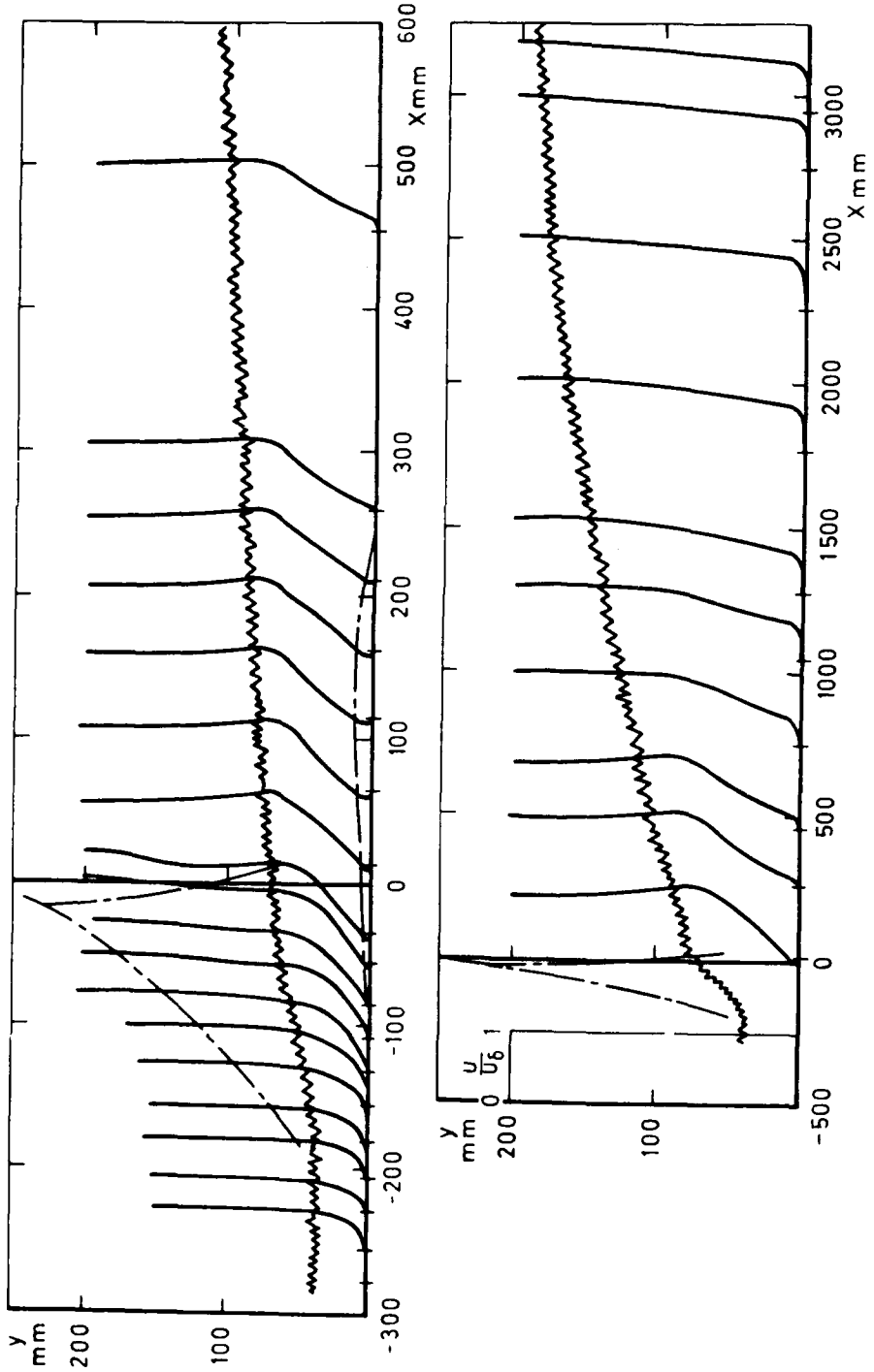

Fig 17d Velocity profiles, $M_0 = 1.52$, $Re/m = 3.51 \times 10^6$

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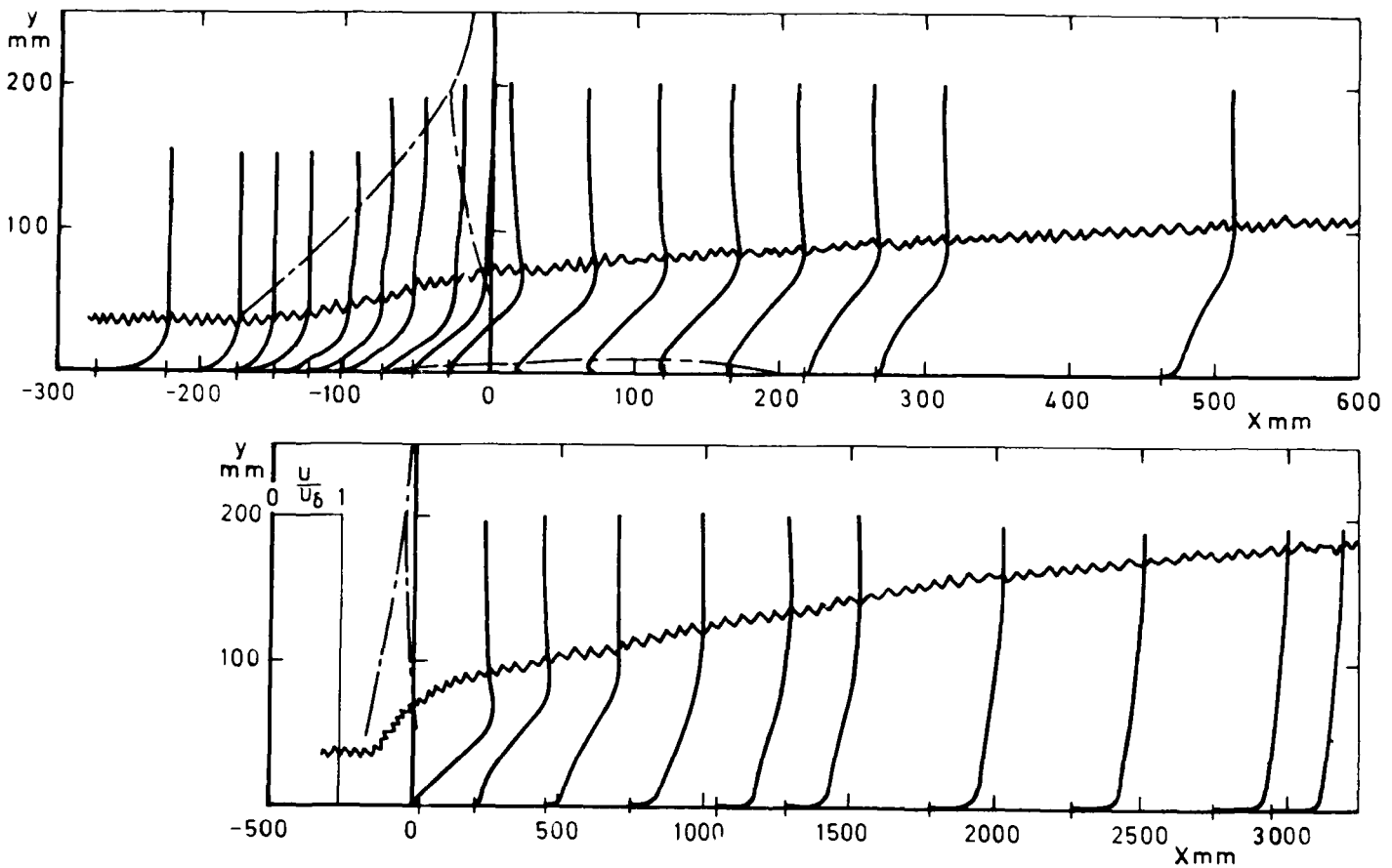

Fig 17e Velocity profiles, M_0 = 1.53, Re/m = 6.47 x 10^6

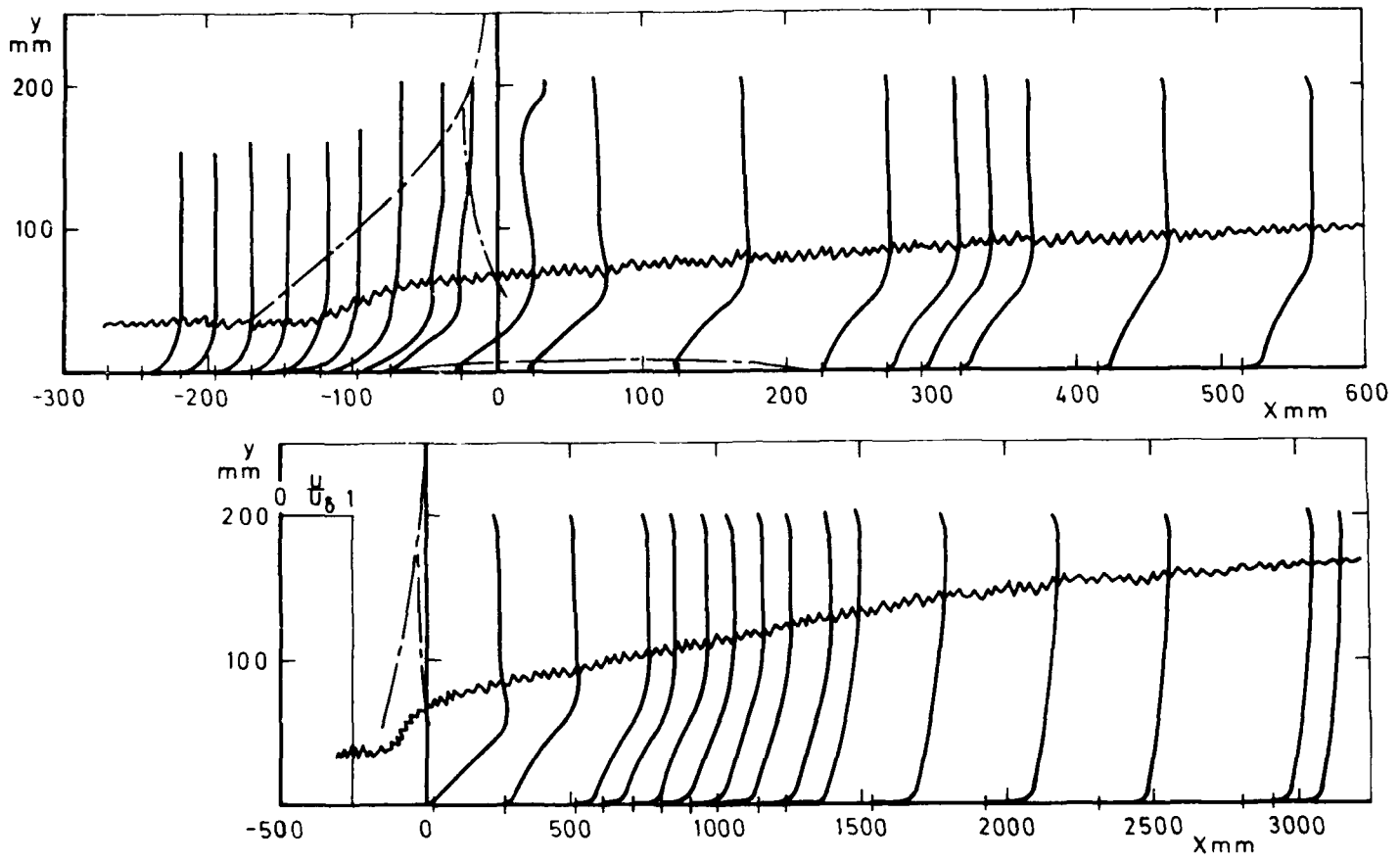

Fig 17f Velocity profiles, M_0 = 1.54, Re/m = 9.96 x 10^6

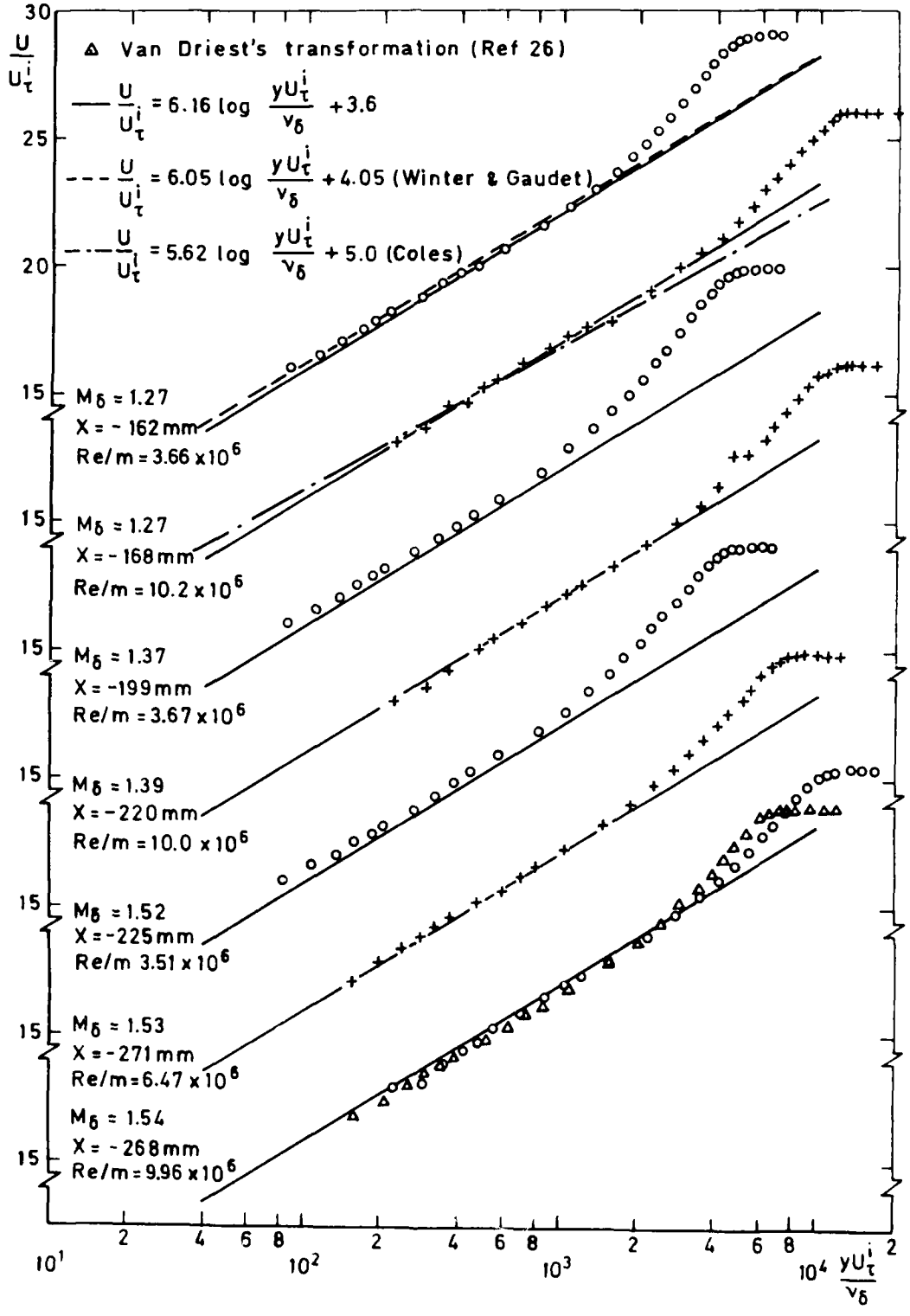

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Fig 18 Logarithmic velocity profiles ahead of interaction (region A) (see Fig 22)

Fig 19

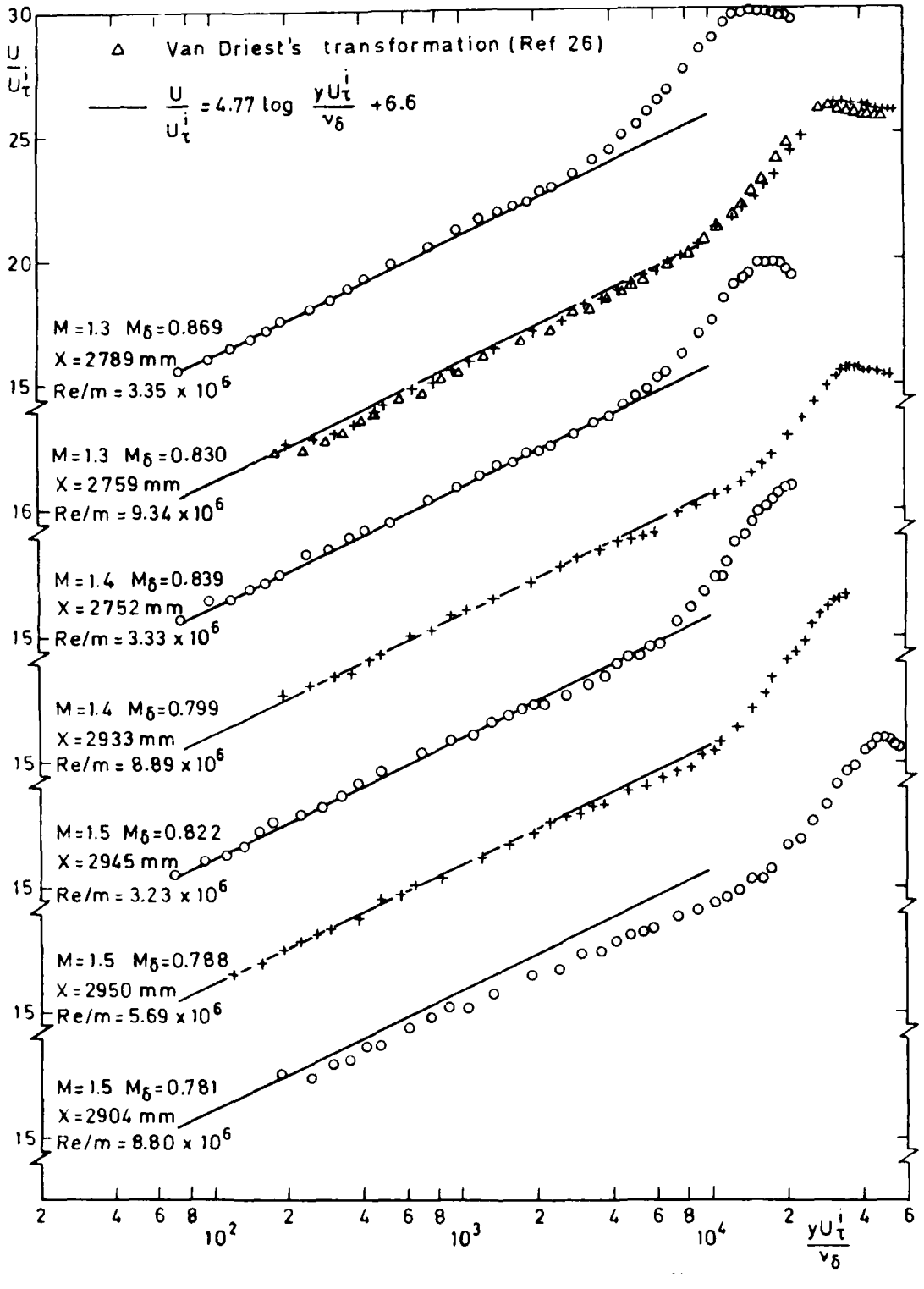

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Fig 19 Logarithmic velocity profiles approx 3 m downstream of normal shock-wave (region D) (see Fig 22)

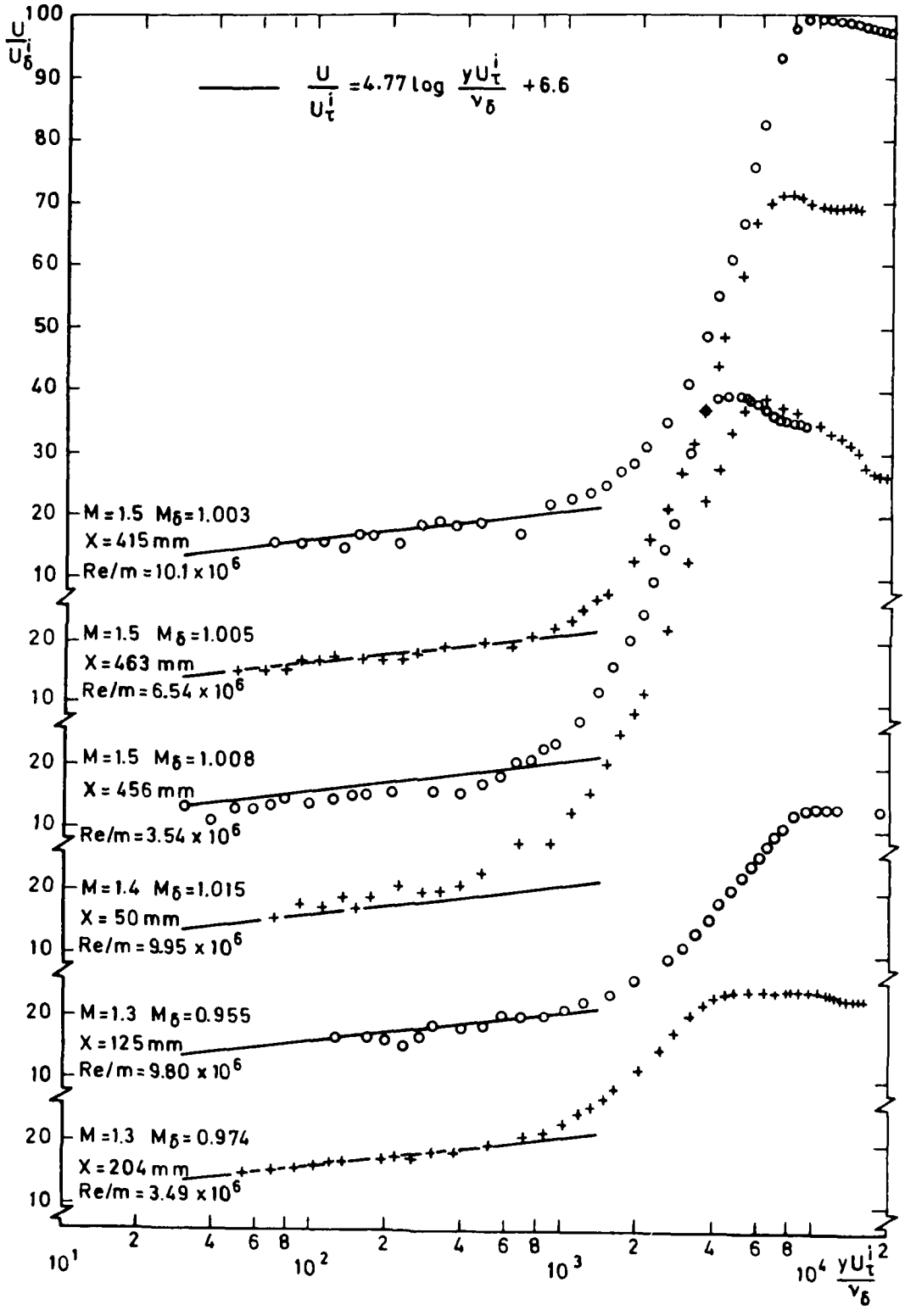

Fig 20 Logarithmic velocity profiles just downstream of normal shock-wave (region C) (see Fig 22)

Fig 21

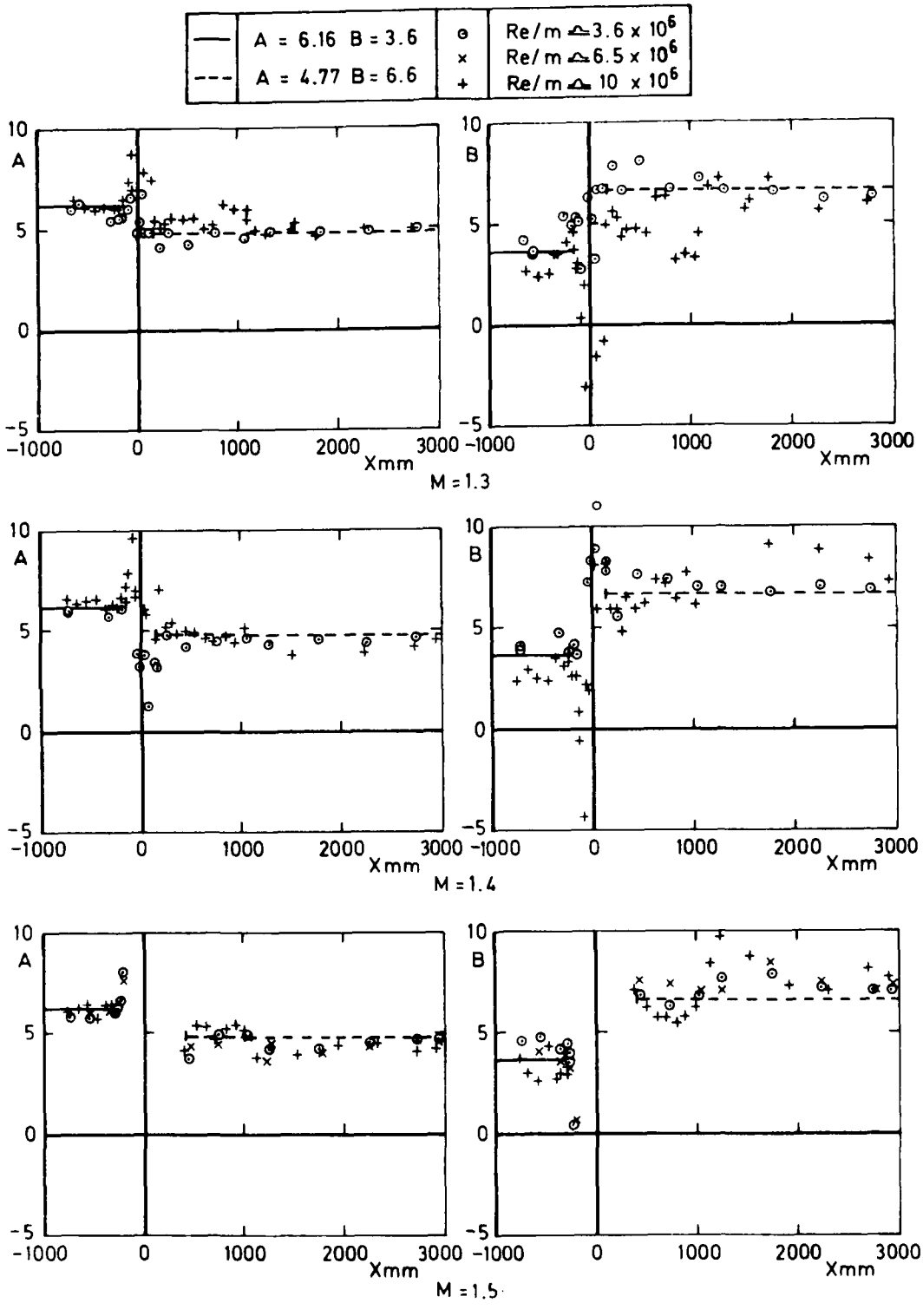

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Fig 21 Variation of the constants A and B in the law of the wall
$(U/U_\tau^i = A \log yU_\tau^i/\upsilon_\delta + B)$

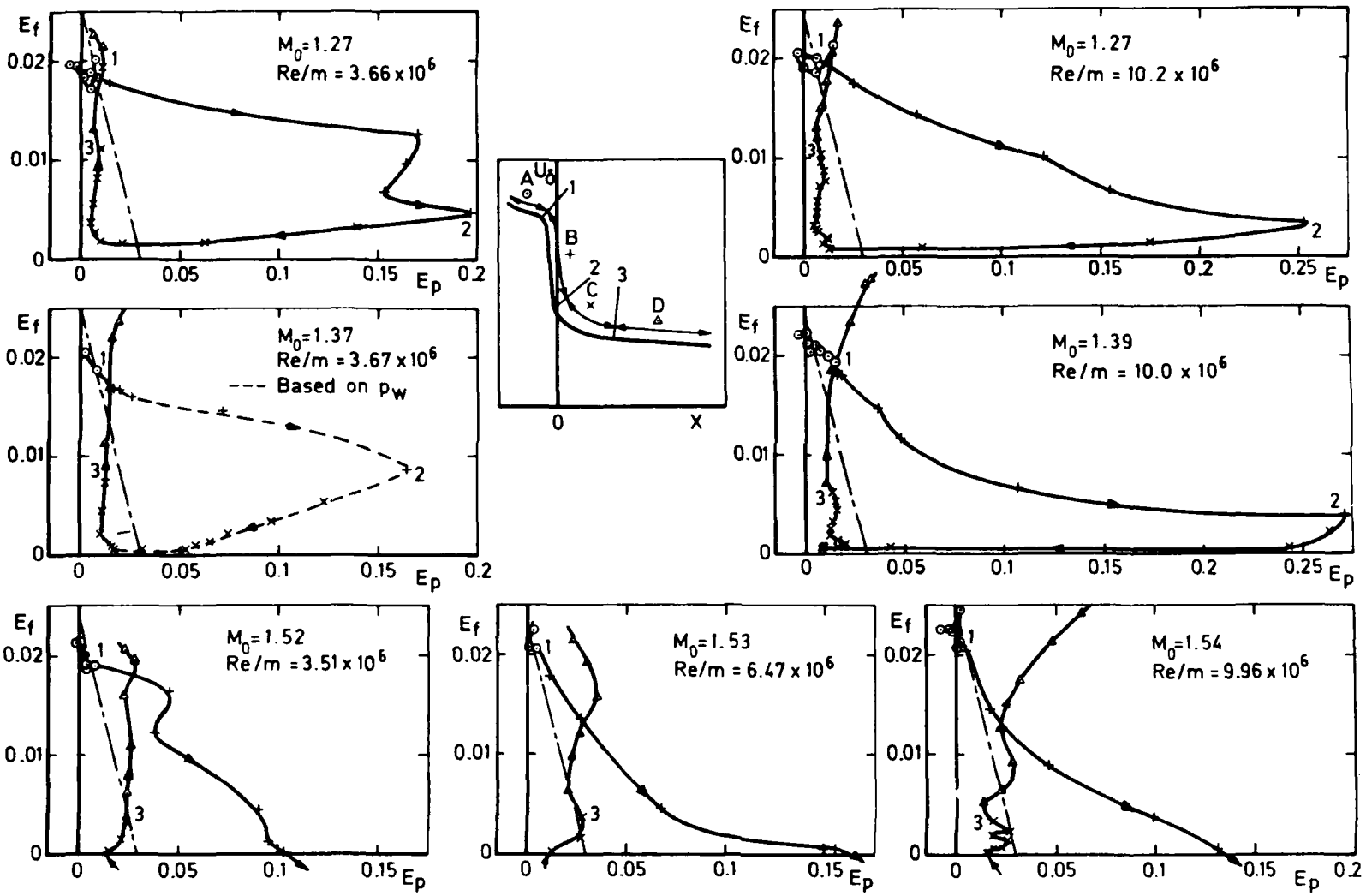

Fig 22 Equilibrium parameters

Fig 22

Fig 23a&b

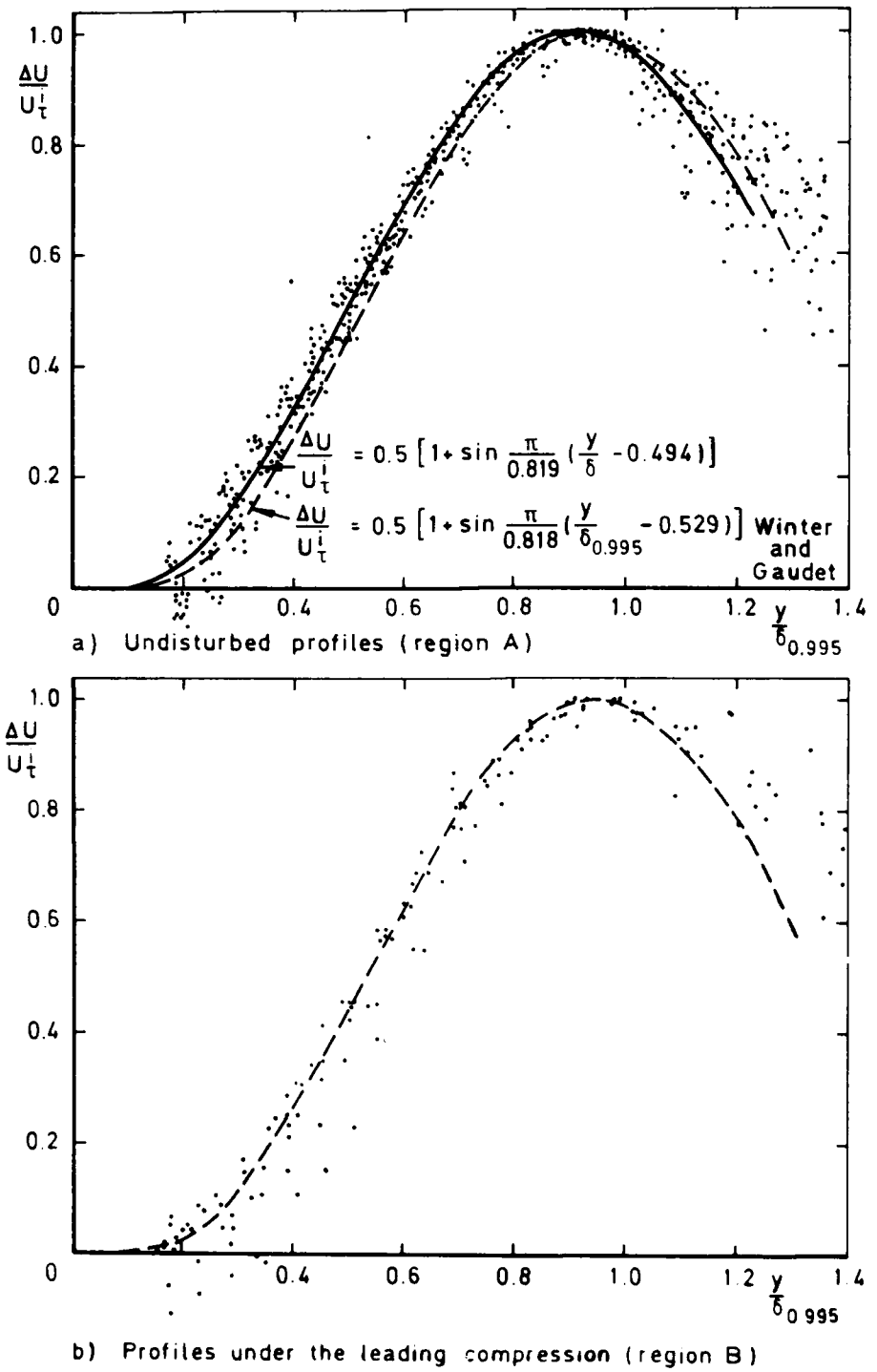

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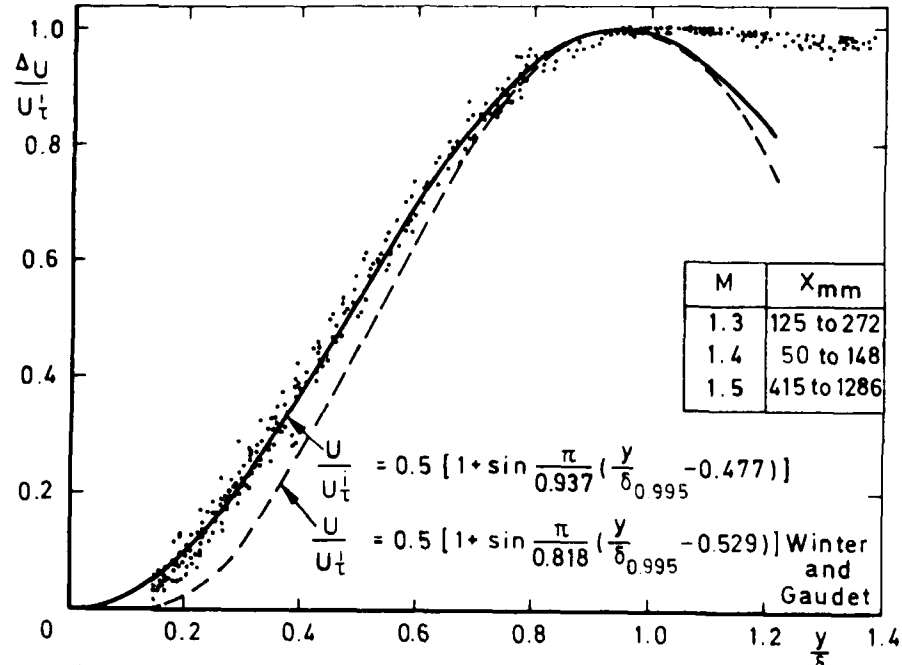
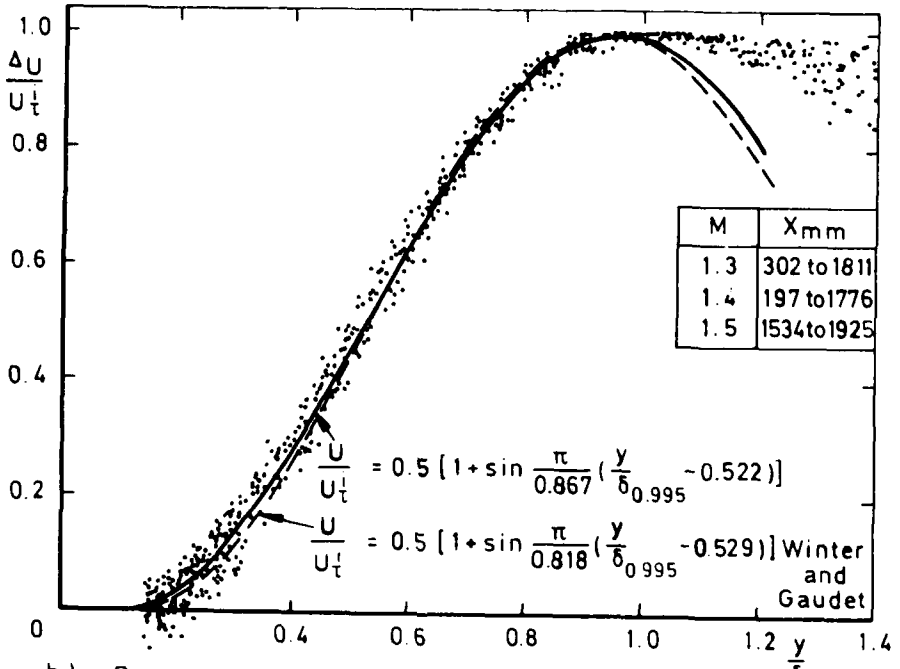
Fig 23a&b Wake components of velocity profiles ahead of shock-wave



a) Immediately downstream of normal shock-wave (region C)



b) Recovery regions (regions C and D)

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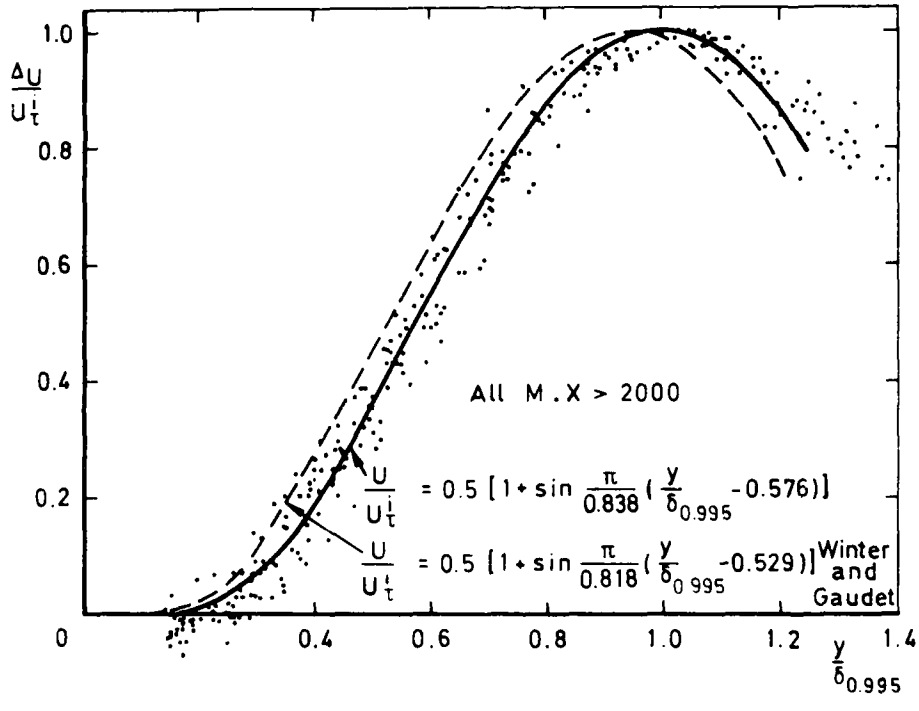
Fig 24a&b Wake components of velocity profiles downstream of shock-wave

Fig 24c



c) X > 2000mm (region D)

Fig 24c **Wake components of velocity profiles downstream of shock-wave**

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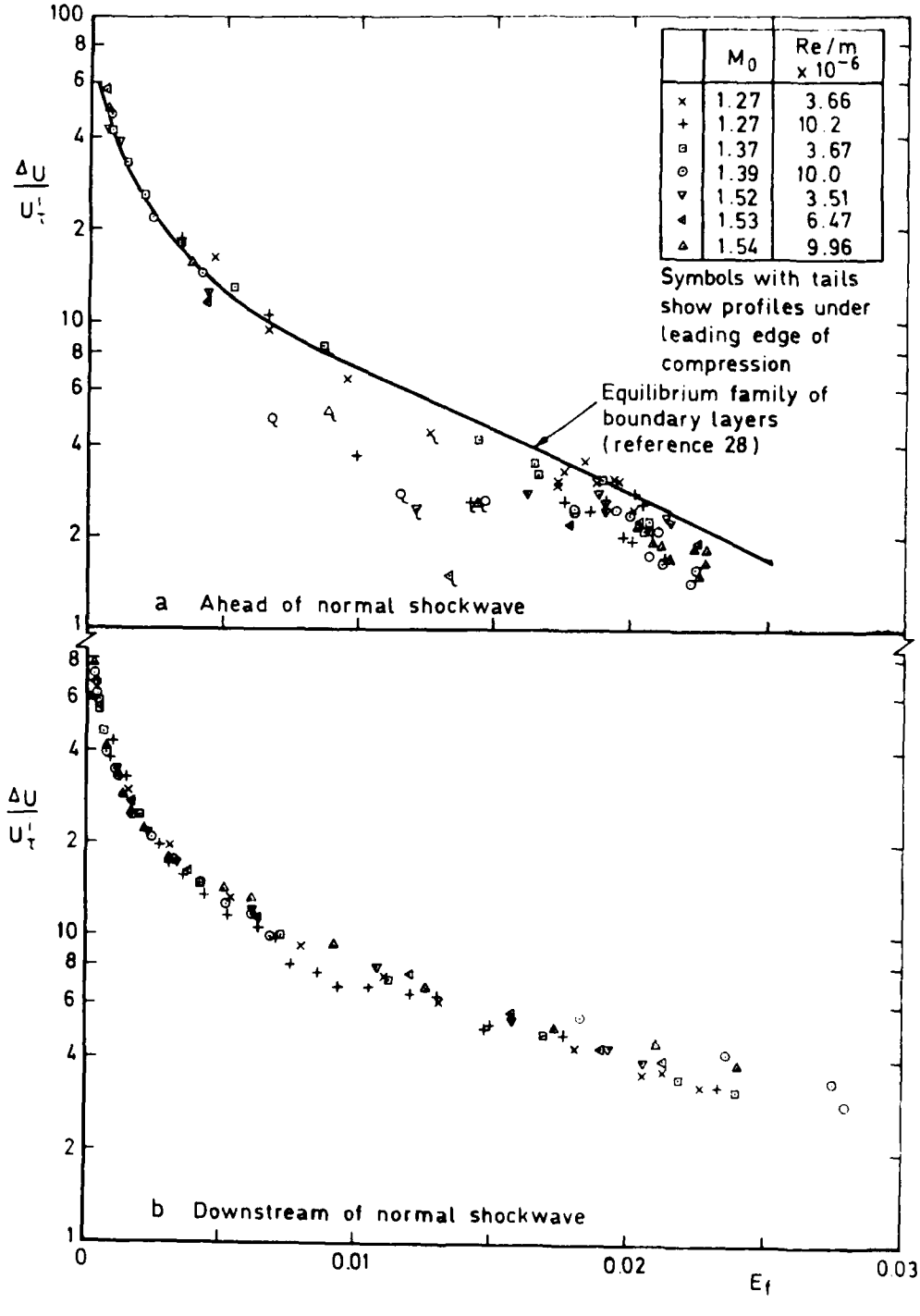

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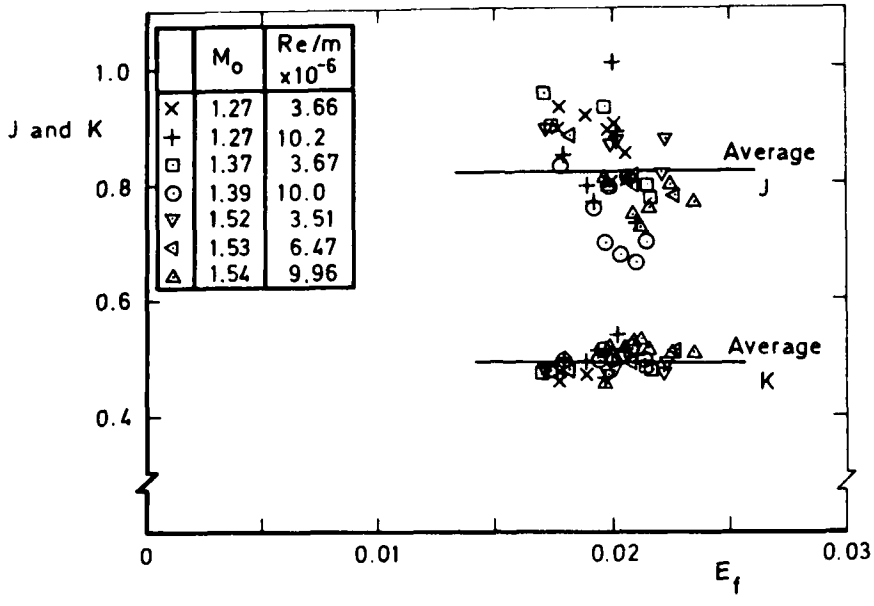
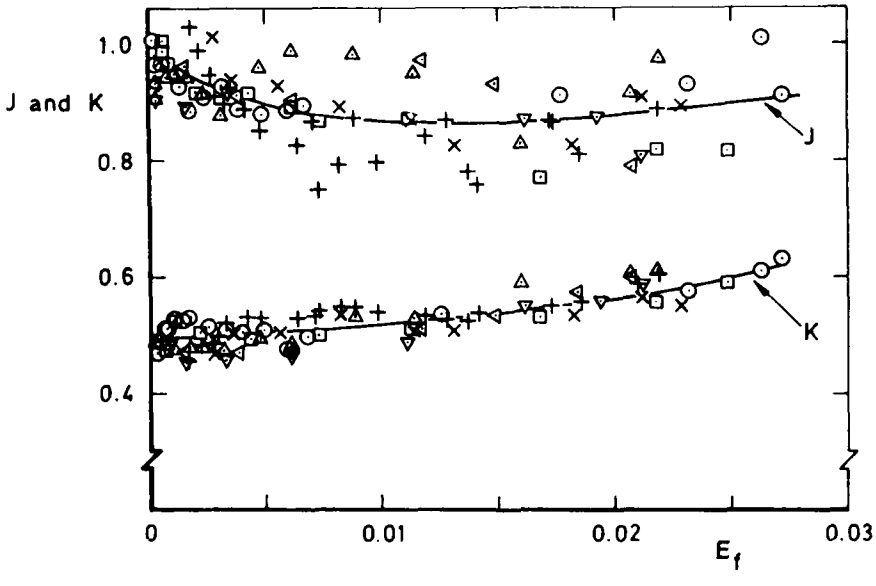
Fig 25a&b Maximum values of wake component

Fig 26a&b



(a) Ahead of interaction



(b) Downstream of normal shockwave

Fig 26a&b Constants J and K in $(\Delta U/U_\tau^i)_N = 0.5(1 + \sin \pi/J(y/\delta_{0.995} - K))$

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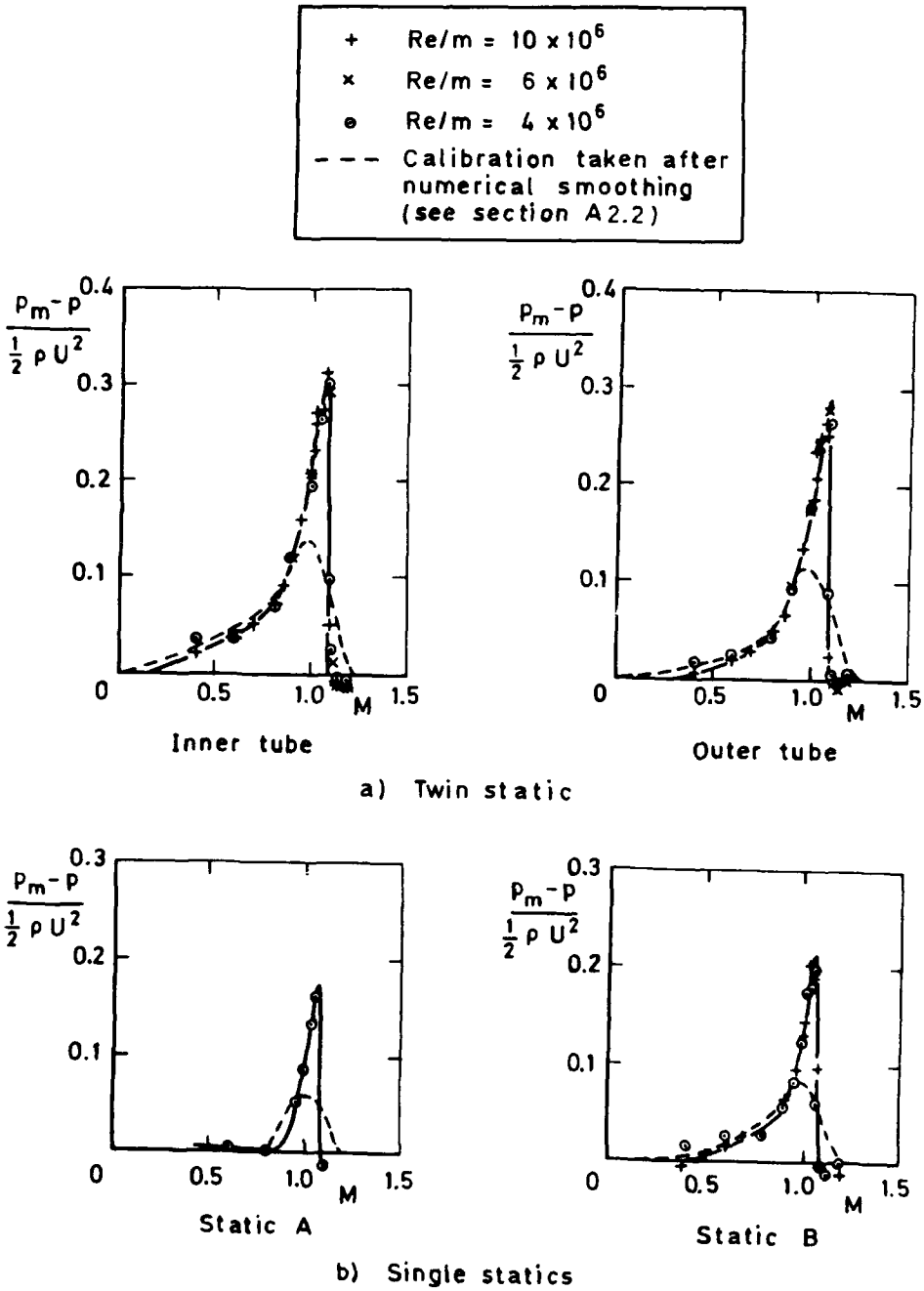
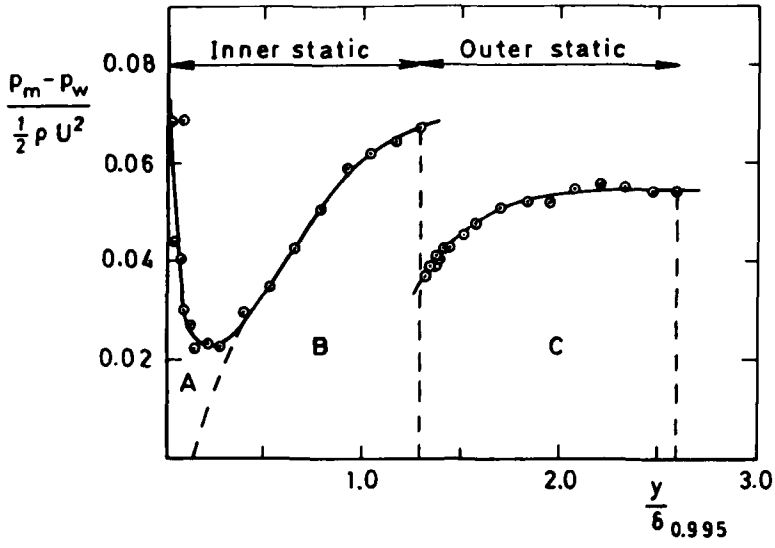
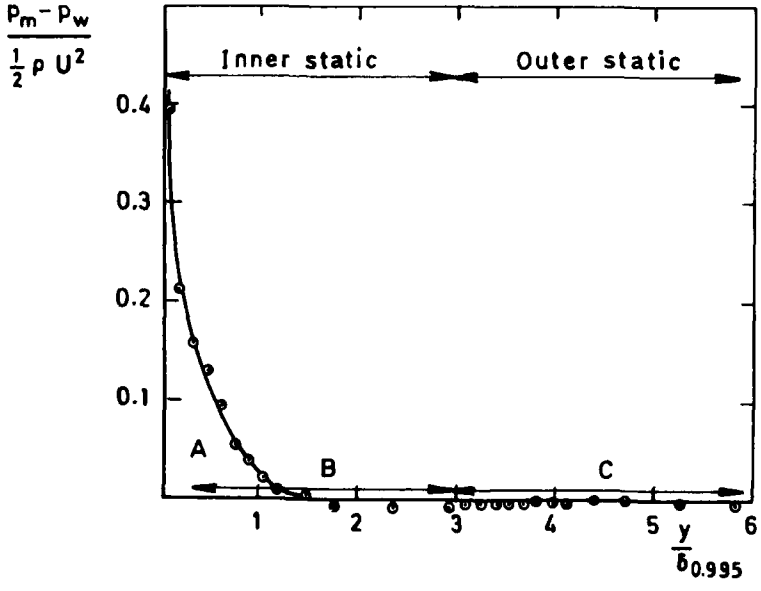


Fig 27a&b Free stream calibration of static probes

Fig 28a&b



a) Behind shockwave
X = 1296 mm M_δ = 0.887



b) Ahead of shockwave
X = -523 mm M_δ = 1.284

Fig 28a&b Typical static pressure measurement errors

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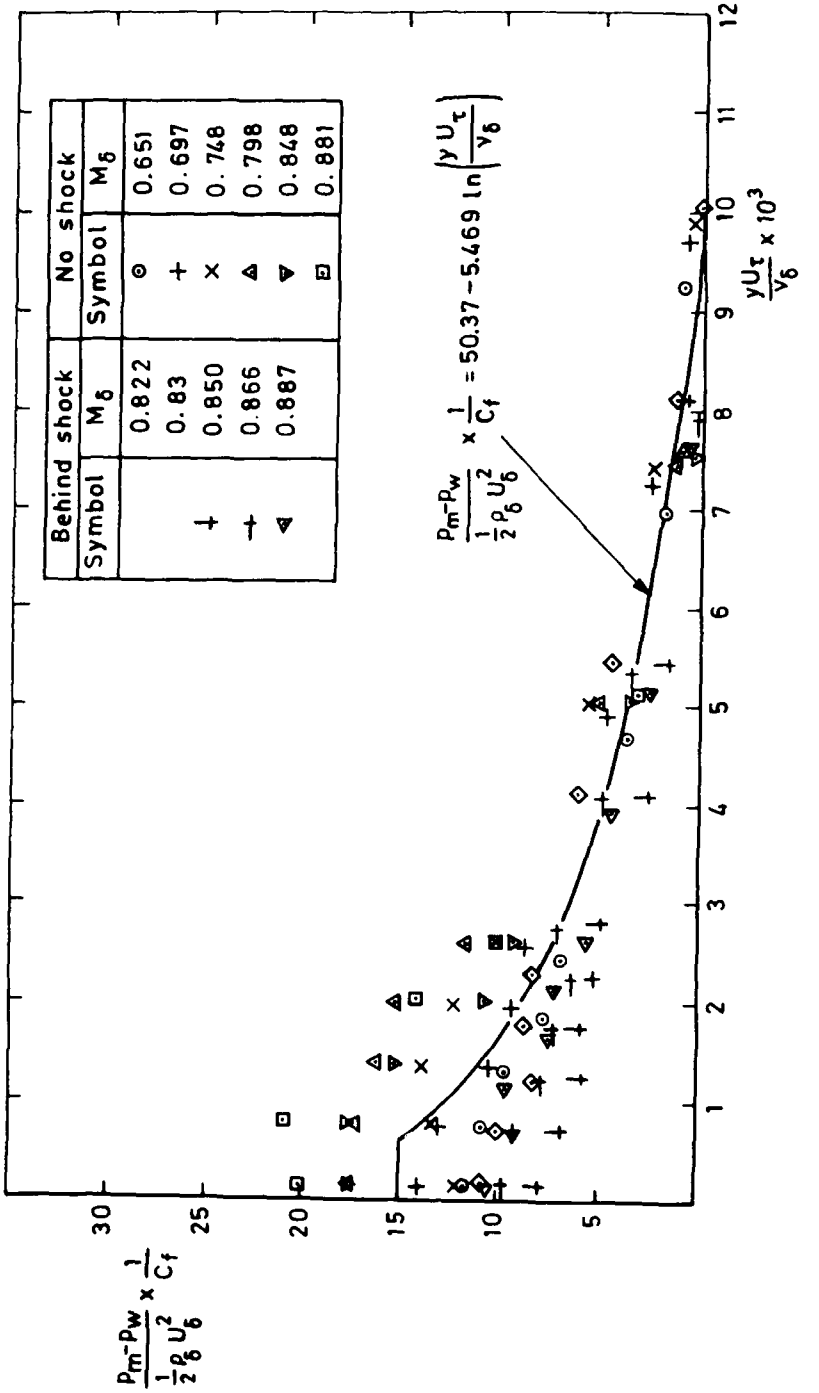

Fig 29 Wall/static interference errors, $M_u \leqslant 1.098$

Fig 30

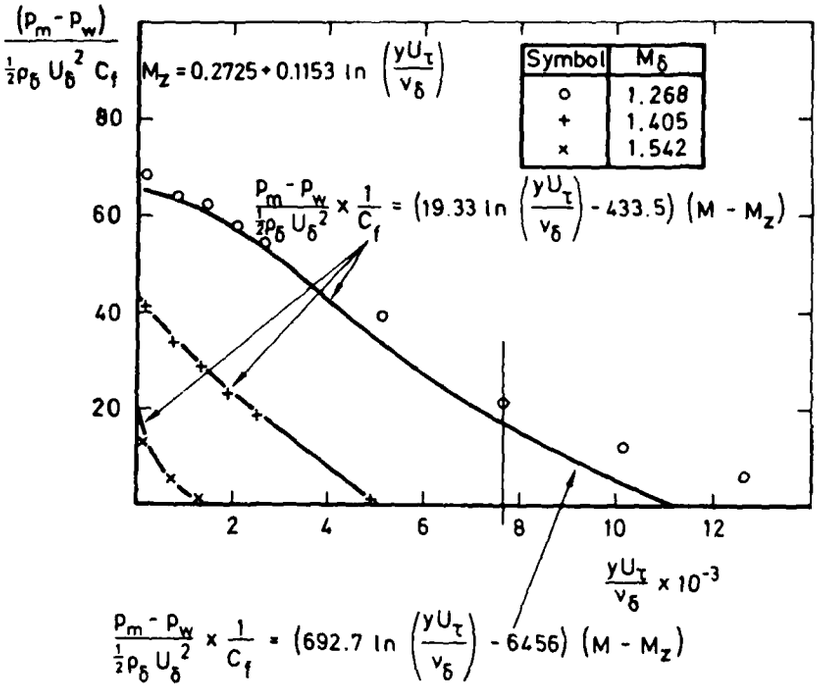

Fig 30 Wall/static interference errors, $M_u \geqslant 1.098$

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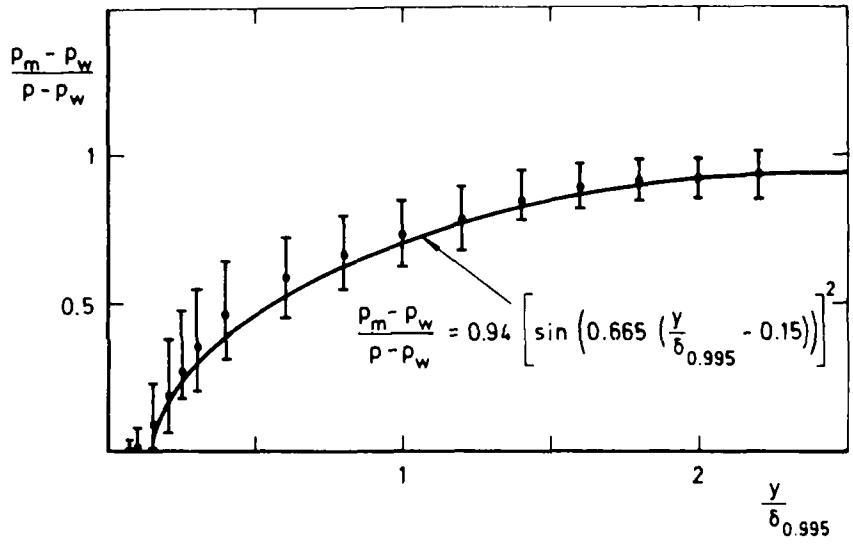

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Fig 31 Modification to smoothed free stream static pressure calibration caused by probe position

Fig 32a&b

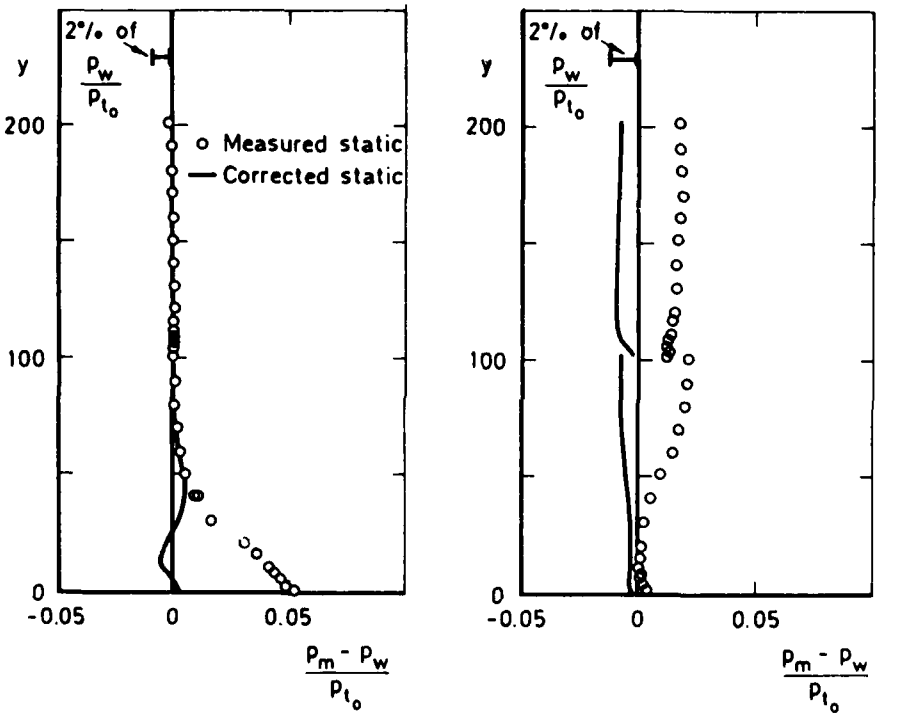

Fig 32a&b Typical corrected static pressures

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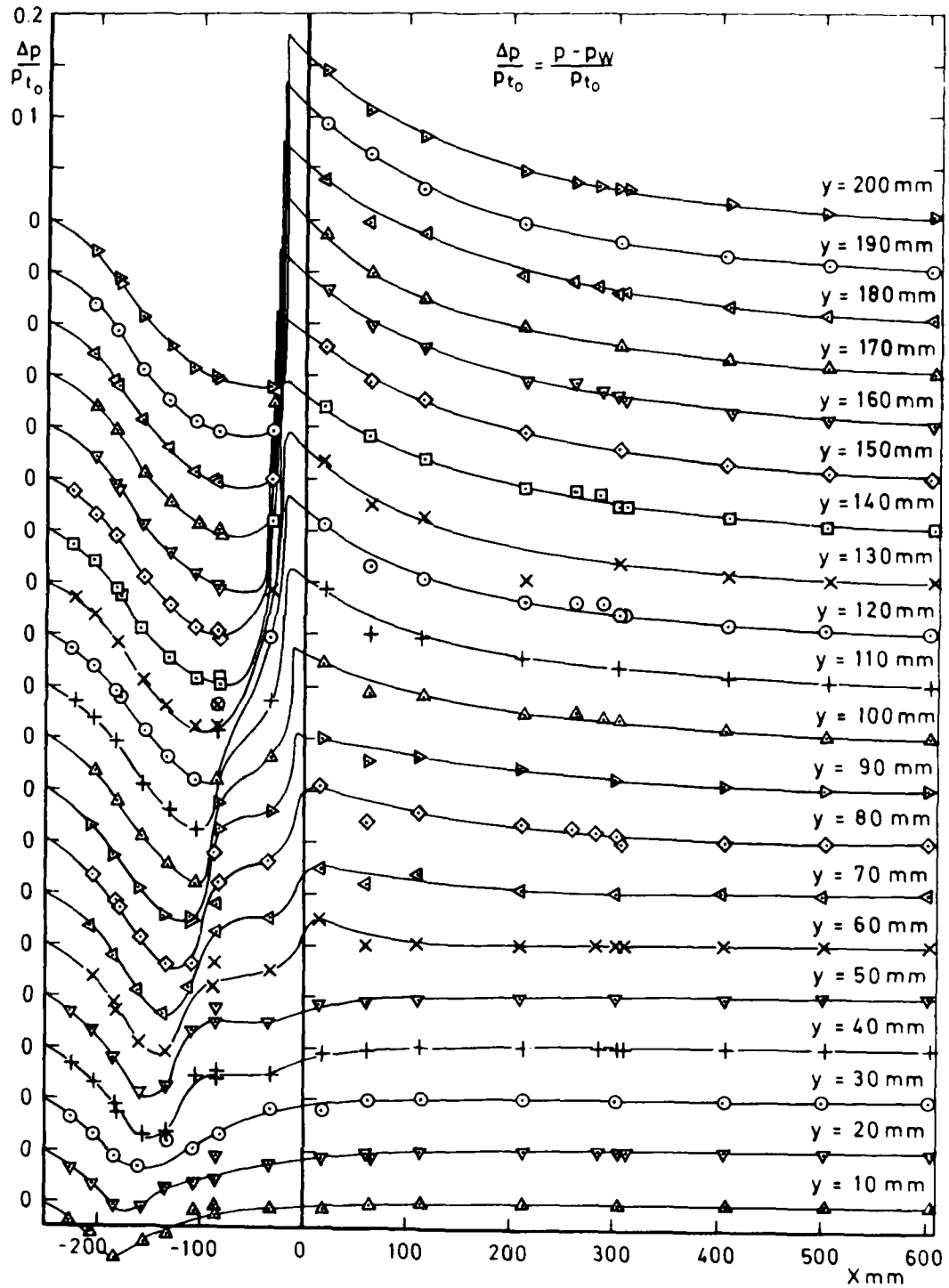

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Fig 33 Smoothed static pressure distribution, M = 1.5, Re = 10×10^6/mm

REPORT DOCUMENTATION PAGE

Overall security classification of this page

UNLIMITED

As far as possible this page should contain only unclassified information. If it is necessary to enter classified information, the box above must be marked to indicate the classification, e.g. Restricted, Confidential or Secret.

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15. Distribution statement

(a) Controlled by – RAL Aerodynamics

(b) Special limitations (if any) –

16. Descriptors (Keywords) (Descriptors marked * are selected from TEST)

Shock waves*. Turbulent boundary layers*. Boundary layer separation*.

17. Abstract

This Report presents the results of a study of seven flows involving the interaction between a normal shock wave and a two-dimensional turbulent boundary layer. The measurements were made at free-stream Mach numbers of 1.3, 1.4 and 1.5 and at Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The results were obtained from comprehensive traverses with both pitot and static probes.

Standard boundary-layer integral parameters based on wall and measured static pressures are presented, together with velocity profiles and the Mach number distribution over the interaction region.

An investigation has been made of the 'law of the wall' and the 'law of the wake' under the influence of strong normal pressure gradients.

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